



H. Cannell and Sons

F.R.H.S.
N.C.S. H.M.C.A.B.

COMPLETE CATALOGUE

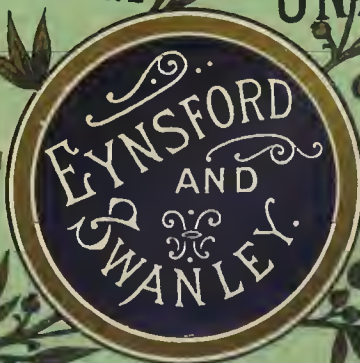
OF THEIR

PERFECT SEEDS.

Supplied direct from them (the actual Growers)
to the Buyers at a great saving.

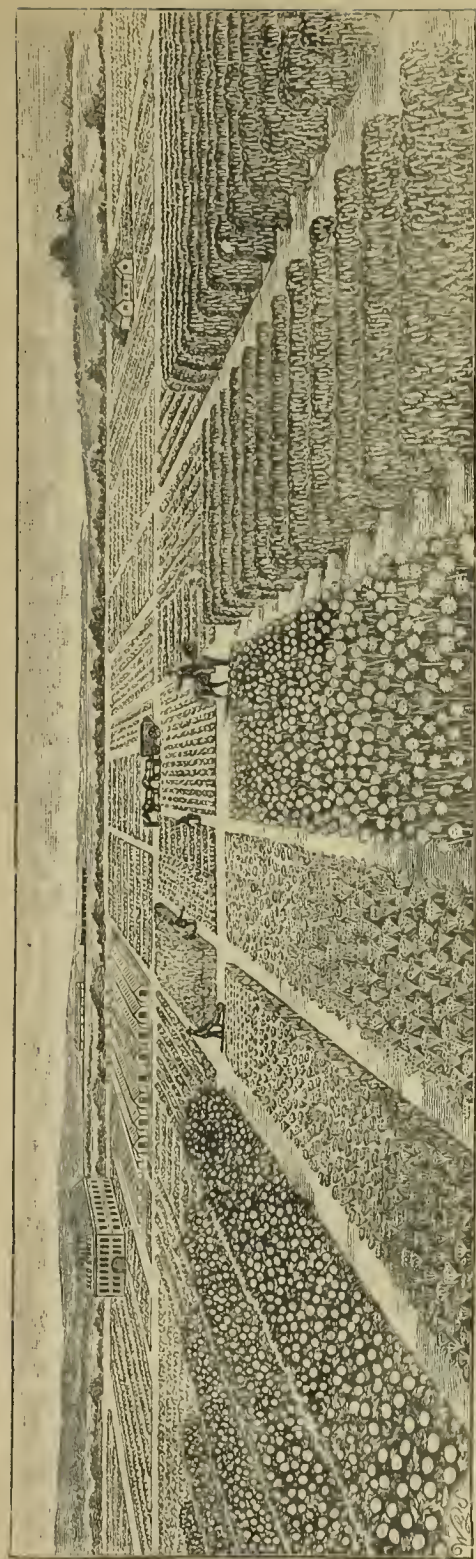
CARRIAGE FREE TO EVERYONE IN THE
EXCEPT HEAVY SEEDS
IN
SMALL QUANTITIES.

HORTICULTURAL
FARM.

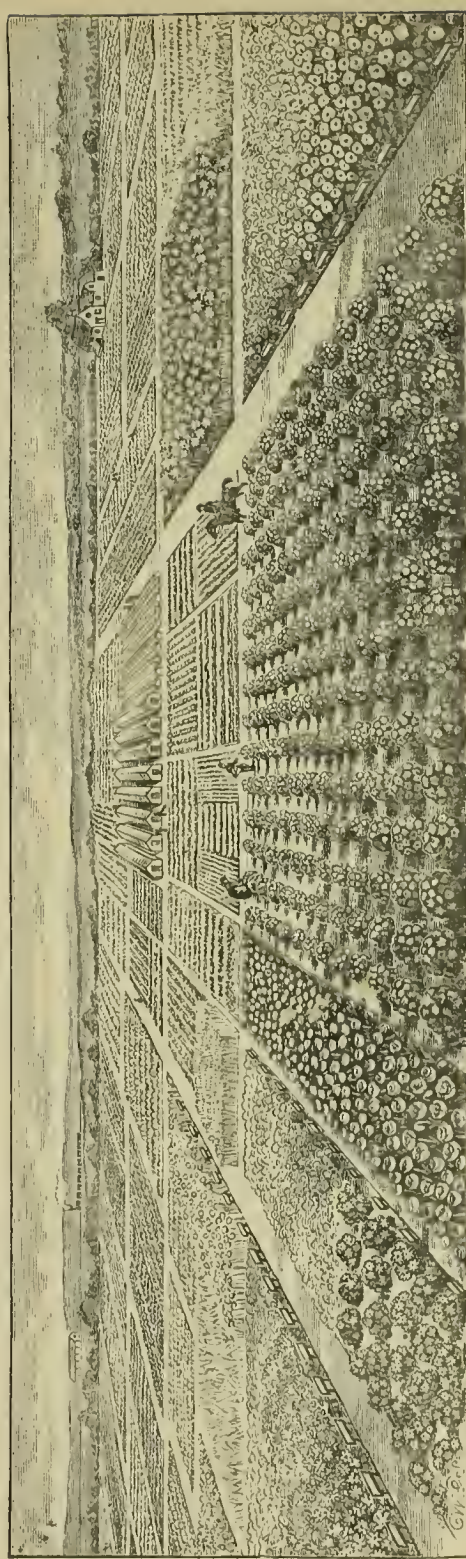


UNITED KINGDOM.

KENT.



H. CANNELL & SONS' VEGETABLE SEED GROUNDS AT EYNSFORD.



H. CANNELL & SONS' FLOWER SEED GROUNDS AT EYNSFORD.



H. CANNELL & SONS'

(F.R.H.S., M.S.A.)

Complete and Illustrated List

OF THEIR OWN TRUE

HOME-GROWN AND SAVED

VEGETABLE * and * **F**LOWER * **S**EEDS

For 1891,

DIRECT FROM THEIR FIELDS OF 200 ACRES.

Everything for the Garden and Greenhouse supplied.

HORTICULTURAL FARM, EYNSFORD.

HENRY CANNELL & SONS,

Gardeners, Seed Merchants, & Nurserymen,

SWANLEY, KENT.

Cannell & Sons' Complete Seed Guide.

FOR THE GREAT MASSES OF PROGRESSIVE,
INTELLIGENT PEOPLE.



Principals—



HENRY CANNELL, HENRY CANNELL, ROBERT CANNELL, ERNEST CANNELL.

Our Seeds, and why we call them "Perfect."

We here heartily thank all customers who have favoured us with their seed orders, and which we are pleased to say are doubled in number every year. We at first thought this increase was a slice of good luck, but it is nothing of the kind, for those who had our seeds found something in their nature which forced favour wherever they went. It is just this:—

Firstly. They go direct from the growers to the sower, and of course are cheaper.

Secondly. They come off particularly rich, chalky soil, and the result is they simply grow stronger on all other soils, and produce a far heavier crop.

Thirdly. Kent being warm and plenty of light, they are sown earlier, ripen better and earlier, picked and harvested earlier, are stronger and finer colour, heavier, and bolder than in other counties.

Lastly. They are found to contain sugar and nutritious matter, consequently the produce eats better, and all like them—in fact, the general remark is, "there is something about Cannell's seeds I like in preference to all others."



GARDENERS'
CHRONICLE.

With seed stores and drying-sheds no doubt Mr. Cannell will be able, as usual, to hold out his hand and show his seeds in his palm with as much well-justified confidence as ever.

Please remember that our sixteen foremen have a direct interest in the firm. The sowers of the seeds, the growers of the seeds, and those executing the order receive a share in the profit of every favour—the result is the anxious desire of the men to serve all, so that every order shall bring another and a larger one.

SACCHARINE AND NUTRITIOUS SUBSTANCE IN OUR SEEDS.

The amount of sugar found in beetroot grown in various parts of Europe is an important fact in favour of our seeds to all growers of vegetables.

The following is extracted from a Parliamentary enquiry, which clearly proves what we claim for our climate and seeds. M. Martineau, Esq., giving results of his analysis, says: "Vegetable roots from the county of Berkshire give only 12½ per cent., whilst those from Kent give 15 per cent. France at the time was not more than 10½ per cent. Kent produce is not only sweeter, but more nutritious and strengthening."

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MAKE SURE NOT TO HAVE COMMON SEEDS.

We have always observed and openly expressed an opinion that vegetables on the continent never eat nice, and have frequently heard others say the same. The above is the key to the secret of the cause—viz., deficiency of saccharine and fattening matter. No doubt the seeds are likewise deficient, and it behoves all to be careful to have the sweetest seeds; and it is highly important that growers should know and be determined not to have foreign or northern grown seeds (nearly half those sold by non-growers come from abroad). All this shows plainly that our seeds are all-important to purchasers, by being stronger, grow with more vigour to begin with, and the great change of soil; hence the reason of so many testimonials from all parts that vegetables from our seeds yield and eat so well, and give unbounded satisfaction both for garden and table. The following is direct proof:—

J. O'REILLY, Esq., Colomber, Rathowen.

I wish to say that, having tested most of the seeds supplied in England and Ireland for years, I found your supply more generous, the yield better and more certain than the others, and have this year decided on getting all the garden seeds from you.

The following is taken from a seed catalogue of recognised authority, printed years ago, and to this day the fact, of course, remains the same, that just as many seeds again germinate from those ripened in Kent (tested side by side) as those coming from cold soils and more northern counties; hence the quantity required for the garden may be cut down one third. This, we think, all will accept as conclusive evidence that our seeds go far to make the garden all-important and decidedly better than formerly.

	No. of Seeds germinated out of 100.
The Kent Crop, grown in Mid Kent, soil light and early ..	80 to 90
Bedfordshire crop, soil light, sandy, and early ..	55 to 70
Essex Crop, soil generally rather heavy ..	50 to 60
Lincolnshire and Cambridgeshire Crop, soil flat, wet, and cold	40 to 45

FLOWERY LAND.

The two early frosts in the midst of the finest weather in the autumn of 1890 Dahlias were blackened all over, and October 13th Begonias and all tender things destroyed in nearly all parts of the country, whilst ours were untouched, and we were showing both these flowers at various exhibitions in all their lovely grandeur, which speaks volumes for the warmth of our climate. On the 28th October, at Beeston, in Nottinghamshire, 16° of frost was registered against our 7°. All this is well known in Kent.

Mr. T. KIPLING, The Gardens, Knebworth House, Stevenage, *January 22nd, 1890.*

Many thanks for yours. I have long wanted to see over your establishment. There is no part of the kingdom in my opinion so pleasant as Kent. I was there for some years before coming here, and I find a vast difference both in climate and vegetation, although only fifty miles north of London.

The *Gardeners' Chronicle*, Oct. 25th, in describing a run down to Maidstone, says:—

If Kent be the garden of England, certainly it more resembled a hop-garden the other day than either a fruit or flower garden, as we were whirled along in the train from Swanley Junction, past Mr. H. Cannell's famous Horticultural Establishment, and his extensive seed farm at Eynsford. There were not lacking some striking floral effects, which evoked rapturous expressions of admiration from youthful passengers.

Our appeal for a **Hall of Horticulture**, distributed with our Guide of last year, and of which the following is a copy:—

A HALL FOR HORTICULTURE.—“A VOICE FROM SWANLEY.”—*Surely it is inspiring, and must bring a feeling of exalted pride to the heart of every one, when they see the exhibits of their countrymen*

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standing boldly up and distancing foreign competitors, and to hear other countrymen exclaim, "How perfect! what size!"

It should be known that every variety of fruit, flowers, and vegetables of worth that can be found upon the earth is brought to England. In every instance we (English) grow them better than where they are indigenous, after a work of ages in introducing. Of course the varieties are numerous, and it becomes a national necessity to weed out the inferior and to record the superior, and in this the Royal Horticultural Society has done an incalculable amount of good for the benefit of mankind.

It is remarkable (and may be compared to the moral work and generosity of some, which is unrecognised during life) that scarcely any one knows its (the Society's) worth, and those that do fail to promulgate the good. The English, by sheer intelligence, have considerably improved nearly every production for the sustenance and happiness of the public. These best kinds have gone forth to every part of the world; and if it were possible to sum up the good, it would be found that Horticulture has done more to benefit the human race and make England eminent than any other profession, and, although much has been done to comfort and strengthen the body and cheer the heart of man, there is an endless amount still to do.

His late Royal Highness Prince Albert certainly made sure that he had secured a noble home for the Society, but it is at this moment, from no fault of theirs, without a floor or roof to call its own; yet now even, in lodgings, as it were, the Society is leading on Horticulture and doing enormous good. Agriculture owes them a heavy debt of gratitude.

When we read of a patriotic lady in Philadelphia, evidently an admirer, and anxious to forward Horticulture in America, bequeathing £40,000 wherewith to build and maintain a Hall of Horticulture in that city, we feel it is retrogression on the part of the British in not possessing one long since to carry on one of the greatest sciences of the nation. There are many amongst our wealthy who in their time have enjoyed an immense amount of happiness, luxury, and contentment from their garden, whom we believe will follow the noble example of this estimable and generous American lady, and immortalise their name by securing and presenting the freehold of a suitable site for that noble and most necessary institution—to hold their meetings, shelter their library and the council who so nobly carry on the work for the benefit and honour of dear old England.

As far as the nursery and seed trade is concerned, they would, we believe, struggle with small sums to erect some building, so that the society could call it their own, and thus strengthen their hopes.

There are plenty of central sites with dilapidated walls standing (almost a disgrace to the surroundings) which would answer admirably, and as soon as the freehold is secured we are ready to subscribe £25, and we are quite sure the Hon. Sec., Rev. Wilkes, would be delighted to hear of others doing likewise.

We hope to live to see the day when we have a hall worthy of our great nation, and that the Committee of the National Chrysanthemum Society, the members of which number well nigh 1,000, and whose work and exhibitions are of great importance, and stand pre-eminent with that flower, may be invited, and see their way also to hold their shows and meetings in this building, and all special Societies, such as Rose, Dahlia, Auricula, Carnation, &c.; also Gardeners' Benevolent Society, Gardeners' Orphan Fund, and Gardeners' Provident Society—in fact, all Societies pertaining to Horticulture have the same privilege, and thus avoid expensive hotels and other public resorts. This building we picture in our minds, and hope some day to see in reality.—HENRY CANNELL & SONS.

The Council of the Royal Horticultural Society at once favoured the project and forwarded the matter, and at their general meeting it was set in motion and a committee formed. The following is a brief report:—

THE GARDENING WORLD.

A HALL FOR HORTICULTURE.—Our good friend Mr. Cannell may well cheer as he did so enthusiastically after hearing Baron Schroder's remarkable speech at the meeting on Tuesday last. His warm-hearted project for the erection in London of a Horticultural Hall as a permanent city home for the Royal Horticultural Society, and some other allied bodies, never was nearer realisation than at the present moment. For this hopeful state of things we have to thank that able member of the Council, distinguished financier, enthusiastic horticulturist, and truly amiable gentleman, Baron Schroder. The speech alone which he made to the meeting, one of the most practical and best we ever heard at a Fellows' meeting, served of itself to make the event a red-letter one in the history of the society.

The result is the site has been chosen on the Thames Embankment, and just on £20,000 subscribed, and all are looking forward for this much-needed Hall for Horticulture on a large and becoming scale, and we are quite sure our friends will, like ourselves, be delighted to hear that Horticulture will soon have a home of its own to carry gardening to a still higher degree.

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→ HOW TO DIG AND TRENCH SOIL ←

What a lot of jobs are done wrong,—certainly not so correctly as they might and should be if we only give a few minutes' consideration and say, "Let us look first if this is right, and the best way to attain the object in view, what is wanted and what to avoid." Jack will say, "I've always seen it done so and so." Well, Jack's way will probably answer, and may or may not be good, but in these days we must adopt the best and most reasonable mode, all things considered. The following illustrations and our remarks will show and explain how a piece of ground should be dug, how things should be planted, and how treated after planting. How strange so important a matter as digging and pulverising ground is that no one, so far as our experience goes, has ever dealt with the matter properly, or what we should say, carried out the work to the fullest extent for the best. There are plenty of ploughing matches, but no digging matches—and why not? Here a little item about workmen: without hardly a single exception they will shun the work, when it should be to them a pleasure; they never try to adopt or think how would be the best and quickest, and most common-sense way to do it well, but plod on in an unthinking manner. It is of little consequence where and how the ground is situated, it will be best to dig half up, and the other half down, as shown.

Supposing it is a bit of ground with ordinary paths which is required to be turned up to look well and grow a good crop. First see that the ground is level, if not, take a forkful of the soil out here and there from the highest points, and throw into the lower parts until sufficient is moved so that all will be level when finished, for unlevel ground looks extremely unskilful; then wheel on the manure, spread it well and regularly, that is to say, evenly everywhere, just as much round the edges as elsewhere, generally a lot is left where first put, and the crop grows uneven and looks bad—people wonder the reason. This done, peel or skim off the paths all round sufficiently deep to get below



the hearts of the weeds, throw this on the ground to be dug in; after this, line out or square the bit of ground. This done, clear off all weeds (see Engraving, Nos. 1 and 2), so that the soil to make a trench is clean, and also where it lays on No. 1. In digging observe the position of the man when the fork is being thrust into the soil with his heel on the shoulder of the tool, and his thumb through the cot of the handle, so that he has a firm bold command over the fork or spade, which must be kept upright, and thrust down the full length (or at least a foot) of the blade or prongs; no rolling over the soil, small thin slices is far the best and quickest, this lifted clean up rarely requires much

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breaking afterwards. It will be seen that the man at No. 3 has just finished up to where he wanted to go; he then turns and commences to take out trench on the other end of the next half, which he fills in at No. 3; this all laid level, he digs back to No. 1. Here he finds the soil he first took out at No. 2; this being free from weeds, it is filled in, and the work is finished off in a workman-like and proper manner. Always keep a fair sized trench, so that all weeds can be put down and buried deeply, and for all special purposes have it extra deeply dug by going all along the trench from end to end and leaving it there, so that the next ordinary trench folds in on the top of it. When all this is carried out the whole should lay roughly level. Always dig square up to where the ground is required to be dug, and the trench fill in along, not up to one corner as is usually done, if so it will be out of level and unworkmanlike.

Arrange the ground so as to fit the position, all grass rubbish and manure must be thoroughly buried and the job finished, that the digger could say, with all pride, "Well, that is done as it should be. I have studied it to its fullest extent, and should be glad for any one to tell me one item that I do not know respecting the digging of ground properly;" and if he really knows without pretending, he is a valuable man, and one to make and grow plenty to eat.

Every employer should encourage this art, and there ought to be a prize offered for the champion digger in every village.

Doubly dug, or trenching of soil, which is somewhat similar to digging, but differing in these respects:—Clean the soil 3 feet wide for the trench by peeling off the weeds, and take the first trench 18 inches wide and a foot deep, laying it on half of the clean surface soil. Commence at one end of this 18-inch trench, and take out the bottom one foot deep and wide to make an opening to enable the workman to break up this bottom another foot or so deep, and continue this along the 18-inch trench. Place the top of next surface trench 12 inches deep, and breaking up the bottom as before by working back in the next 18-inch trench the soil which the first bottom trench opening, working back in the contrary direction, and so continue breaking up the bottom until the whole ground is finished. The chief objects are to break up the hard bottom soil, and to keep the surface soil on the top. Every bit of cultivated soil in England ought to be broken up at least 18 in. deep, and, worked in this way, crops would be far over half as much more as now, under the plough or bad digging. Vegetables would be far stronger and sweeter than with so much manure. In our opinion no man able to do this should want employment during the winter (a perfect cure for the unemployed), and every gentleman who has land and capital should offer such work until all land is so broken up, and the first year 6d. interest on every 6s. so laid out would be gained, and the land would for ever produce better crops, vegetables and fruit in particular. For heavy, stony, or clay soil a Kentish hop fork with three prongs is the best and strongest. All who have land should know that it is worth double for the cultivation of plants after it has been well dug than it was before, supposing it formerly a ploughed field, and treble if properly trenched; therefore, never let a deserving working man stand idle, give him 5d. per rod for digging, and 8d. per rod for trenching medium land, it pays the cost the first year, the proprietor gets nearly double of that from the ploughed field for every year afterwards for nothing. Surely this ought to set the unemployed to work.

The Cabbage or Brassica tribe forms such an important part in supplying us with vegetables, that it is very necessary that the following should be clearly seen and understood, so as to prevent so many Cauliflowers becoming what is known as blind and useless:—



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Near about when the sun has the greatest power is the time when most of the Cabbage family are planted out from the seed bed, beyond selecting rainy weather for the work, is just as much as ever enters the minds or care of most people as to how the plants had better be transferred to well prepared ground, and sufficient room for the full development, so that they will start off growing, and show very little or no signs of injury from the removal. Well, how to accomplish this—sow your seed in light, friable soil, if in hard, cloggy, lumpy soil, even if carefully taken up with a fork (say nothing of the innumerable small roots), several of the larger roots must be broken off, and particularly if they are pulled up as they usually are, just as if the plants had no right to have a root, but even in light soil and with the best of care, it is impossible to get even half the fine roots intact, and if you could, there must be a lapse of at least a week before the roots can recover and send forth any sap to the tops, during which time the whole plant is in a very distressed condition, as per Engraving No. 1, and what is more, these leaves are drawing every drop of moisture, or really life, out of the stem, and reducing them to more like a dried stick than what should be a soft-growing, sappy, cabbage stalk; whereas, if we were to take a handful of plants and lay them on a wooden block, and chop half their foliage off (as per lower engraving), and so reduce the top in proportion to the roots, so that there is a fair balance, how much better those plants would thrive, and how quickly they would come to the condition required. In Autumn Cauliflowers it makes a fortnight's difference. Just try, and the more you practise and see its results the more you will extend it. Young plants or trees transplant better (see Roses) than other plants; Evergreens would very rarely die. If this mode of treatment was carried out in a judicious manner all would benefit by it immensely. From the moment the plant is wrenched from the seed bed, the whole plant is seriously injured; whereas, if planted when small, and relieved of the large leaves, how the plant is benefited, and it commences growing from the heart almost at once. Plant with a spade, and by placing them at the right depth the roots spread out, soil firmly pressed down with the foot, how much better all our transplanted crops would do, nearly three weeks would be saved; whereas, if put in with a dibber, the roots are screwed up and hung in the soil (see Strawberry Plants) too far out of the ground, the wind blows them to and fro, and which is the cause of many doing badly—but we suppose it is the easiest way of doing it (see Strawberries).

JUST A FEW MORE WORDS.

The people say that meat—doctors say, vegetables, good vegetables—is the food for man. Statistics show that clergymen and gardeners attain the greatest age and enjoy the best health—undoubtedly the longevity in these two classes is greatly due to gardening and its productions; and the effects of these are doing wonders for the proper enjoyment of mankind. Good vegetables, fruit, pure water and air are of the most vital importance; and, in fact, with these alone, it would be difficult to destroy life. Allotment kitchen gardening is the very sustenance of life and happiness. We have shown as briefly as possible how good vegetables can be had by all at any season (those with means, in particular). Half the people very rarely get them good. (See Catalogue.) First, many go in for cheapness—often this cheapness means staleness and toughness—many are not properly washed and boiled, often not eaten, and are thrown, in many cases, outside the back door to ferment and create fever and other ills—this cheapness is the worst possible false economy. Our object is to point out clearly which are the most serviceable varieties to grow, and have them good, so that with proper cooking they may be eaten and enjoyed, and afford nourishment to the system. It is not the big advertisements, gaudy catalogues, or exaggerated engravings that will make people value vegetables, it is how they prepare the ground, sowing the seeds, and, above all, to be sure the seeds are fresh and from a totally different soil, and more particularly from the real growers of the seed; situation of garden should be clear, open, free, and, if possible, sheltered from cutting winds; the soil must be loosened, pulverised, and exposed to frost, and well enriched with well-made fresh manure—this done, then comes the practical parts (see cultural remarks throughout the Catalogue); this carried out, nature will do most of the remainder, but man must do a little regularly, and this in the right way and at the right time. It is an easy matter to get the seeds up, chickens often do this; what is wanted is to get them up strong and to grow away quickly and with vigour. Never wait for rain. If it fails to come, administer water as near like rain as possible before it is actually wanted. Always avoid the great enemies to successful gardening—that is, the devouring roots of trees and their great shady tops, together with lightly or shallow dug ground with little or no manure.



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We hope all friends exhibiting the produce, either from our Seeds, Plants, and Manure, will kindly drop us a note as to quantity, &c., and sufficient lovely, specially printed cards will be immediately sent so as to affix to each exhibit. Fac-simile of cards in deep pink and gold letters:—

THE RESULT OF
CANNELL & SONS'
PERFECT
KENTISH GROWN SEEDS,
SWANLEY.

THE RESULT OF USING
CANNELL & SONS'
REAL MANURE,
SWANLEY.

Mr. T. EMMET, 26, Lower Pennar, Pembroke Dock, South Wales.
Having some of your seed last year through a friend, I was so highly satisfied with them that I intend to make further purchases from you.

Mr. E. SELMES, Swandean, Durrington, near Worthing, *January 1st, 1890.*
The seeds we had from you last year gave every satisfaction.

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CANNELL & SONS'
LIST OF NEW AND IMPROVED
Vegetables for 1891.



NEW PEA, CANNELLS' "ENGLISH WONDER."

A decided advance on the American Wonder, which has won the highest praise wherever grown, and all others of the same kind sent out under various synonyms. The variety now offered is admitted by all to be a most valuable kind. It was raised by Mr. Burbury, The Crew, Kenilworth, who is acknowledged as one, if not the best, raiser of this lovely vegetable. He kindly sent us a few for trial, and amongst all the best new varieties this dwarf Pea showed up against many gigantic growers, apparently most determined to find favour, which it gained, and all who examined our numerous trials of Peas were definite and decided that it was far above, and certainly the best of all the dwarf wrinkled class of early Peas. Its height is about one foot, and for so dwarf a Pea the pods are large, and contain 8 to 10 peas of excellent flavour. In good soil it is an immense cropper, and we are quite confident that in a very short time it will become the favourite of all growers of this dwarf class of Pea. The true stock, obtainable only from H. Cannell & Sons, Swanley and Eynsford, Kent per pint 3 0

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PEA, EXONIAN.—Comes into use with the earliest section, but it has the great advantage over those varieties of superior flavour and greater cropping qualities, with a longer bearing season. Height about $3\frac{1}{2}$ feet, studded with pods to within 1 foot of the ground. Medium-sized pods, similar in shape and colour to Ne Plus Ultra, are closely packed with peas of a deep green colour. The quality is equal to that of the Wrinkled Marrows, to which section it really belongs. The Royal Horticultural Society, after testing it at Chiswick, s. d. awarded it a First Class Certificate per packet of $\frac{3}{4}$ -pint 2 6

PEA, SENSATION.—The raiser describes this Pea as follows:—"A new Wrinkled Marrow of exceptional excellence, surpassing any variety in cultivation both as to size, flavour, and its extraordinary yielding powers. It grows 3 feet high, and owing to its vigorous habit, half the quantity of seed usually sown will suffice." Stock limited
In sealed $\frac{1}{2}$ -pint packets 2 6

PEA, CONSUMMATE (*Eckford*).—Awarded a First Class Certificate by the Royal Horticultural Society. A main-crop green Wrinkled Marrow, producing a great abundance of long well-filled pods; a pea of exquisite flavour. Being dwarf and a very heavy cropper, it is well adapted for field culture. Height, $2\frac{1}{2}$ feet.
In sealed $\frac{1}{2}$ -pint packets 2 6

PEA, AMBASSADOR (*Eckford*).—Awarded a Certificate of Merit by the Royal Horticultural Society. A main-crop Wrinkled Pea, growing 5 feet high, producing profusely long deep green well-filled pods; the peas are of the finest flavour, and retain their beautiful colour when cooked in sealed $\frac{1}{2}$ -pint packets 2 6

PEA, COLOSSUS (*Eckford*).—A second early Wrinkled Pea, with very long well-filled pods of a light green colour, many containing twelve large peas of the finest flavour; a great cropper. Height, 5 feet in sealed $\frac{1}{2}$ -pint packets 2 6

PEA, JUNO (*Eckford*).—A wonderfully fine late dwarf variety, very prolific, with the quality of Ne Plus Ultra, but growing only 18 inches high ... in sealed $\frac{1}{2}$ -pint packets 2 0

PEA, BOSTON HERO.—This new Pea has resulted from a cross between Telephone and John Bull, and partakes of the best qualities of both parents. Its constitution is robust, and it is a very heavy cropper, the pods nearly all coming in pairs, and resembling those of John Bull in colour and shape. They are very large, and well filled with fine sweet peas. The height is the same as that of Telephone. Taking it all round—for quality, productiveness, or fine appearance—we do not think it can be beaten, either for market purposes, for exhibition, or as a choice table Pea per quart 2 6

PEA, SHROPSHIRE HERO (*Eckford*).—A second-early dwarf Wrinkled Pea. Robust and productive. First Class Certificate Royal Horticultural Society ... in sealed pints 1 0

CABBAGE, CHRISTMAS DRUMHEAD.—A valuable variety for winter use, as it is extremely hardy and will stand for months without splitting or decaying, the hearts remaining firm and green, and retaining their quality and flavour, which is good and sweet per pkt. 1 0

TOMATO, CHALLENGER.—Granted an Award of Merit by the Worshipful Company of Fruiterers at the Guildhall Exhibition, 1890.—This is, without doubt, a great acquisition to this popular vegetable. As proof of its superiority we may mention that out of nearly thirty varieties exhibited at the Great Fruit Exhibition at the Guildhall

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recently, only two were deemed worthy of certificates, Challenger being one of them. The fruits are borne continuously in clusters of eight, ten, and sometimes more, are of medium size, very solid and heavy, bright scarlet colour, excellent flavour, very fleshy, and with but little core, a grand exhibition or market kind—in fact, the nearest approach to perfection in the Tomato of any we have yet seen. It is alike good under glass or in the open, but is preferable for indoor culture on account of its tall growth and profuse bearing qualities per pkt. 1 0

BEAN, EMPEROR FREDERICK, NEW RUNNER.—The pods of this valuable novelty are perfectly stringless until complete maturity; in colour they somewhat resemble those of the Mont d'Or, being of a golden yellow tinted with rose, but marked at intervals with emerald green. The flesh is very thick, juicy, and tender, and the flavour particularly delicate. It is very prolific, and an almost perpetual bearer, producing uninterruptedly from summer until late in the autumn, and is of such a hardy nature that even under unfavourable atmospheric conditions it may be depended upon to produce a good crop... .. per pkt. 1 0

BROCCOLI, APRIL QUEEN.—One of the finest sorts yet introduced; ready for use in April and May. The heads are very large, are beautifully white and delicately flavoured; the leaves are large and abundant, folding closely over and perfectly protecting the flower in sealed pkts. 1 6

ONION, AILSA CRAIG.—The largest and handsomest Onion in cultivation, especially valuable for exhibition purposes per pkt. 2 6

ONION, THE ROYAL JUBILEE.—The result of fertilisation. It grows to an immense size, and in type and character resembles the Anglo-Spanish. It won the First Prize at an Onion Competition held in the Conservatory at South Kensington in the autumn of 1886, the nine bulbs staged being splendid examples, and weighing $8\frac{1}{2}$ ounces more than any other variety shown per pkt. 1 6

BROCCOLI, METHVEN'S JUNE.—This is the latest Broccoli in cultivation, producing fine pure white heads till nearly the end of June. It is very hardy, standing the winter better than any other sort. Sow in April, and plant out as soon as ready. In sealed pkts. 1 6

POTATO, NEW LATE PURITAN.—The Early Puritan Potato, introduced three years ago, has attained a wider distribution and greater popularity than any new variety since the Early Rose. In the Late Puritan we have a potato which is identical with the Early Puritan in appearance, colour, and quality, but far more productive ... per lb. 0 7

Mr. E. D. COATES, Haydn Villa, Alexandra Road, Hornsey, London, N.

January 14th, 1890.

The seeds obtained from your firm last year turned out very well indeed. I took several prizes at our show, including first prize for Peas.

Barrack-Sergt. J. BENTLEY, 7, Meyrick Crescent, Mersea Road, Colchester.

January 13th, 1890.

The seeds I had of you last year turned out exceedingly well, especially the Scrymger's Giant Brussels Sprouts and Peas. I was quite pleased with them.

Mr. G. KERR, Schoolhouse, Ferniegair, Hamilton, N.B.

The seeds have come up splendid, in fact, I think every seed must have germinated.

W. M. HARVEY, Esq., Allington, Bishopstoke, May 6th, 1890.

All the seeds came up remarkably well, and have given me great satisfaction.

Cannell & Sons' Complete Seed Guide.

CANNELL'S COLLECTIONS OF HOME GROWN PERFECT SEEDS,

FOR PRODUCING

A REGULAR SUPPLY OF VEGETABLES ALL THE YEAR ROUND.

CARRIAGE FREE.

We have one of the most complete Kitchen Gardens in England, and everything therein to supply our customers at the very cheapest rate and best in every way.

We cannot allow any reduction in the prices of these Collections, but shall be pleased to make slight alterations in contents if desired.

No. 1.—Price 2s. 6d., for a Cottage Garden.

No. 2.—Price 5s., for a Cottage Garden.

No. 3.—Price 7s. 6d., for an Amateur's Garden.

No. 4.—Price 10s. 6d., for a Small Garden.

Peas—For succession...	...6 pints	Cucumber—For outdoors	...1 packet
Beans—Broad	...2 „	Leek ... ..	...1 „
„ —Scarlet Runners	... $\frac{1}{2}$ pint	Lettuce—For succession	...2 packets
„ —Dwarf	... $\frac{1}{2}$ „	Mustard—Best White	...2 ounces
Beet—The best	...1 packet	Onion—For Spring and Autumn	
Borecole, or Kale	...1 „	sowing ... ..	...3 packets
Brussels Sprouts—Cannells'		Parsley—Cannells' "Beauty of	
Matchless	...1 „	the Parterre," the finest in	
Broccoli	...1 „	cultivation...	...1 packet
Cabbage—For succession	...2 packets	Parsnip ... ..	...1 „
Carrot—For Winter and		Radish—For succession	...2 packets
Summer use	...2 „	Spinach—Round and Prickly	2 ounces
Cauliflower	...1 packet	Savoy Cabbage	...1 packet
Celery	...1 „	Turnip ... ..	...2 packets
Cress—Plain and Curled	...2 ounces	Vegetable Marrow ..Mixed	1 packet

Cannell & Sons' Complete Seed Guide.

No. 5.—Price 10s. 6d., Vegetable and Flower Seeds Combined.

Peas—2 kinds, early and late...	2 pints	Onion ... ..	...1 packet
Beans—Runners ... ..	...$\frac{1}{2}$ pint	Parsley ... ..	...1 „
„ —Broad ... ..	...1 „	Parsnip ... ..	...$\frac{1}{2}$ ounce
Beet ... ..	...1 packet	Radish ... ..	...1 „
Brussels Sprouts ... ..	...1 „	Spinach ... ..	...1 „
Borecole ... ..	...1 „	Turnip... ..	...1 „
Broccoli ... ..	...1 „	Vegetable Marrow ...	...1 packet
Cabbage ... ..	...1 „	Showy Hardy Annuals	...3 packets
„ Savoy ... ..	...1 „	Half-Hardy „	...3 „
Celery ... ..	...1 „	Balsam ... ..	...1 packet
Cauliflower ... ..	...1 „	Aster ... ..	...1 „
Cress ... ..	...1 ounce	Ten-Week Stock ...	...1 „
Cucumber—Ridge ...	...1 packet	Everlasting Flowers	...1 „
Carrot... ..	...1 „	Ornamental Grasses	...1 „
Endive ... ..	...1 „	Sweet Peas ... ..	...1 „
Lettuce ... ..	...1 „	Mignonette ... ..	...1 „
Leek ... ..	...1 „	Sunflower ... ..	...1 „
Mustard—White ...	...1 ounce		

No. 6.—Price 21s., for a Medium-sized Garden.

Peas—The best for succession	6 quarts	Herbs—Sweet and Pot	...3 packets
Beans—Broad... ..	...5 pints	Leek—Musselburgh ...	...1 packet
„ —French, Dwarf ...	...1 pint	Lettuce—Cos and Cabbage, for	
„ — „ Runners ... ..	...1 „	succession ... ..	...3 packets
Beet—The best ... ..	...1 packet	Melon—Choice ... ..	...1 packet
Borecole, or Kale . ...	...1 „	Mustard—Best White	...4 ounces
Broccoli—Finest sorts for suc-		Onion—For Spring and Autumn	
cession ... ..	...3 packets	sowing ... ..	...3 packets
Brussels Sprouts—Cannells'		Parsley—Cannells' "Beauty of	
Matchless ... ..	...1 packet	the Parterre," the finest in	
Cabbage—For succession	...3 packets	cultivation... ..	...1 packet
Carrot—The best, including		Parsnip—Selected Hollow	
selected Altringham ...	...2 ounces	Crown ... ..	...1 ounce
Cauliflower ... ..	...1 packet	Radish—For succession	...3 ounces
Celery—Good varieties, includ-		Salsafy ... ..	...1 packet
ing Cannells' Heartwell		Scorzonera ... ..	...1 „
White ... ..	...2 packets	Savoy Cabbage ... ..	...1 „
Corn Salad ... ..	...1 packet	Spinach—Summer and Winter	
Couve Tronchuda ...	...1 „	varieties ... ..	...4 ounces
Cress—Plain and Curled	...3 ounces	Tomato ... ..	...1 packet
„ —Australian ... ..	...1 packet	Turnip—For succession, in-	
Cucumber—Best frame and		cluding Early Six Weeks...	...3 ounces
ridge varieties ... ..	...2 packets	Vegetable Marrow ...	...1 packet
Endive... ..	...1 packet		

Cannell & Sons' Complete Seed Guide.

No. 7.—Price 42s., for a Large Garden.

Peas —The best sorts for succession ... ..	...10 quarts	Herbs —Sweet and pot	...6 packets
Beans —Broad, the best varieties	6 pints	Leek —Musselburgh	...1 packet
„ —French, Dwarf	...2 „	Lettuce — Cos and Cabbage, including the best varieties for succession and Autumn sowing	...4 packets
„ „ Runners	...1 pint	Melon —Choice varieties	...2 „
Asparagus	...1 packet	Mustard —Best white...	...1 pint
Beet — The best, including Nutting's dark red	...2 ounces	Onion —For summer and winter use	...6 ounces
Borecole, or Kale —The best	3 packets	Orache, or Mountain Spinach	...1 packet
Broccoli —Best sorts for succession	...4 „	Parsley —Cannells' "Beauty of the Parterre," the finest in cultivation...	...1 ounce
Brussels Sprouts —Including Cannells' Matchless	...2 „	Parsnip — Including Selected Hollow Crown	...3 ounces
Cabbage —For succession	...4 „	Radish —The finest sorts for succession	...8 „
Capsicum —Mixed	...1 packet	Rampion	...1 packet
Carrot —The best sorts for succession, including selected Altringham	...5 ounces	Salsafy	...1 „
Cauliflower —For succession	2 packets	Savoy Cabbage —The best	2 packets
Celery —Selected varieties, including Cannells' Heartwell White	...2 „	Scorzonera	...1 packet
Corn Salad	...1 packet	Spinach —Round and Prickly	2 pints
Couve Tronchuda	...1 „	Tomato	...1 packet
Cress —Plain and curled	...8 ounces	Turnip —Finest sorts for succession, including Early Six Weeks	...6 ounces
„ —Australian	...1 packet	Vegetable Marrow	...2 packets
Cucumber —The best frame and ridge varieties	...3 packets		
Endive	...2 „		
Gourds —Mixed	...1 packet		

No. 8.—Price 63s., for a Very Large Garden.

Peas —Including the best varieties for succession	...20 quarts	Carrot —The best kinds	...8 ounces
Beans —Broad, the best kinds	6 „	Cauliflower —For succession	3 packets
„ —French Dwarf	...2 pints	Celery —Selected varieties, including Cannells' Heartwell White	...2 „
„ „ Runners	...3 „	Corn Salad	...1 ounce
Asparagus	...1 packet	Couve Tronchuda	...1 packet
Beet —2 of the best kinds	...3 ounces	Cress —Plain, Curled, &c.	2 pts. & 1 pkt.
Borecole, or Kale	...3 packets	Cucumber —Best Frame and Ridge varieties	...4 packets
Broccoli —For succession	...5 „	Egg Plant —Mixed	...1 packet
Brussels Sprouts —Including Cannells' Matchless	...2 „	Endive —Including fine Green Curled	...3 packets
Cabbage —The best kinds for succession	...5 „	Gourds —Mixed	...1 packet
Capsicum —Choice mixed	...1 packet		

Cannell & Sons' Complete Seed Guide.

No. 8—Continued.

Herbs—Pot and Sweet	...8 packets
Leek—The best	...1 ounce
Lettuce—Cos and Cabbage varieties	...6 packets
Melon—Choice varieties	...3 "
Mustard—Best White	...1 quart
Onion—For Spring and Autumn sowing	...8 ounces
Orache, or Mountain Spinach	...1 packet
Parsley—Cannell's "Beauty of the Parterre"	...2 ounces
Parsnip—Including selected Hollow Crown	...4 "

Radish—The best sorts for succession	...16 ounces
Rampion	...1 packet
Salsafy	...1 ounce
Savoy Cabbage—Including Drumhead	...1 "
Scorzonera	...1 "
Spinach—Summer and winter varieties	...2 pints
Tomato—The best	...3 packets
Turnip—For succession, including selected Early Six Weeks	8 ounces
Vegetable Marrow	...3 packets

No. 9.—Price 105s., for an Extra Large Garden.

Peas—Including the best varieties for succession	...24 quarts
Beans—Broad, the very best varieties	...8 "
"—French Dwarf	...4 pints
"—Runners	...4 "
Asparagus	...1 ounce
Beet—2 of the best kinds	...4 "
Borecole, or Kale	...4 packets
Broccoli—Including the best sorts for succession	...6 "
Brussels Sprouts—Including Cannells' Matchless	...3 "
Cabbage—For succession	...6 "
Capsicum—Choice mixed	...1 packet
Carrot—All the very best kinds	12 ounces
Cauliflower—For succession	...4 packets
Celery—Selected varieties, including Cannells' Heartwell White	...3 "
Corn Salad	...1 ounce
Couve Tronchuda	...1 packet
Cress—Plain, Curled, &c. 3 pts. & 2 ozs.	
Cucumber—The best Frame and Ridge varieties	...5 packets
Egg Plant—Mixed	...1 packet
Endive—The best, including fine Green Curled	...4 packets

Gourds—Mixed	...1 packet
Herbs—Pot and Sweet	10 packets
Leek	...2 ounces
Lettuce—Best varieties for Spring and Autumn sowing	8 packets
Melon—Choice varieties	...4 "
Mustard—Best white	...2 quarts
Onion—The best for summer and winter use	...10 ounces
Orache, or Mountain Spinach	...1 packet
Parsley—Cannells' "Beauty of the Parterre"	...4 ounces
Parsnip—Including selected Hollow Crown	...6 "
Radish—For succession	...2 pints
Rampion	...1 packet
Salsafy	...1 ounce
Savoy Cabbage—Including Drumhead	...3 packets
Scorzonera	...1 ounce
Spinach—For summer and winter use	...3 pints
Tomato—Best varieties	...4 packets
Turnip—Including selected Early Six Weeks	...1½ pints
Vegetable Marrow	...4 packets

J. M. HARRIS, Esq., 18, West Park, Bristol.
I had a 30s. parcel of you only last month, which gave entire satisfaction, the best proof of which is that I enclose herewith another 30s. and order.


Cannell & Sons' Complete Seed Guide.

GENERAL LIST OF VEGETABLES.

TERMS OF SALE.

We grow our own Seeds, and every possible pains taken, and the strictest attention is paid, to have and supply every item as per Catalogue; but there are so many always anxious to rush into litigation for the sake of compensation for any trifle, and failures which may occur over which we have no control, that we are compelled to issue this notice:—

CANNELL & SONS give no warranty, express or implied, as to description, quality, productiveness, or any other matter of any Seeds they send out, and they will not be in any way responsible for the Crop. If the purchaser does not accept the goods upon these terms they are to be returned.

 REMITTANCE MUST ACCOMPANY ALL ORDERS FROM NEW CUSTOMERS, OR SATISFACTORY REFERENCES GIVEN.

PEAS (PISUM SATIVUM).

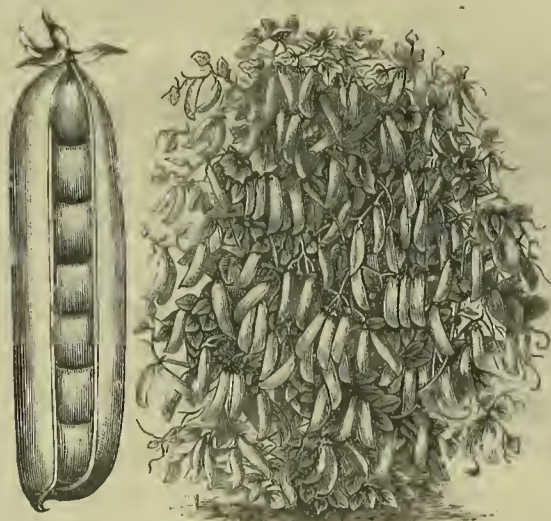
CULTURE.—Trenching or deep digging is highly necessary for Peas, in fact all vegetable culture; even this is nearly always done as unwisely as can be. Take all the top good soil off and throw in on the second trench, keeping the top on the top, and then thoroughly break up the lower spit, which is generally very inferior, another foot; this done, the ground is then of double value—in fact, every inch of soil should be done thus, and then our crops would be for ever considerably more productive. The ground should be well pulverised, and enriched with good manure, burnt rubbish, and lime. The earliest varieties may be sown about the second or third week in November, or first week in December, another sowing in January, and continuous sowings in the order they stand, every three weeks, up to the end of July. Sow in rows four to seven feet apart, according to height, which varies wonderfully, for instance, when about five or six inches above ground; thin out if required, and properly stick. We find boards edgeways along the rows, on the windward side, capital protection. In a dry summer like 1887, when the Pea season was brought to a premature close, the advantages that may be derived from planting them in trenches were more apparent than usual. On soils of a light and burning nature, this is the only way whereby good crops of this vegetable may be ensured. If the trenches are taken out in the winter time, and the soil laid up on each side of them, it will sweeten, and when the time comes for sowing, be in a much better condition than digging can bring it to. If the refuse from the rubbish heap, mixed with its own bulk of manure, be laid in the bottom of the trenches, the roots will find their way into it, greatly to their benefit, when dry exhaustive weather comes. The difference in the yield of Peas grown in this way is great compared to the ordinary method.

SECTION I.; or, EARLIEST VARIETIES.

	Height in feet.	Pr. qrt. s. d.
Sangster's No. 1, Improved —A very early variety, only three days later than Ringleader, far more prolific, and ready for gathering about a week earlier than the old variety of Sangster's No. 1	3	1 0
Kentish Invicta —The earliest blue Pea in cultivation, with handsome, well-filled pods	3	1 0
William the First —A remarkably fine early Pea, most productive, rich sweet flavour	3½	1 6
Blue Peter —Early and distinct	1½	1 6
Dr. Hogg —An early wrinkled Marrow, with handsome pods of dark green colour, possessing the flavour of some of the late varieties	3½	1 9
William Hurst —One of the earliest and best wrinkled varieties. The pods are supposed to be much finer than those of "American Wonder" or "Little Gem"	1	2 0

Cannell & Sons' Complete Seed Guide.

	Height in feet.	Per qt. s. d.
Day's Early Sunrise—A first-rate white wrinkled Marrow, suitable for sowing late or early, fine flavour	2½	1 0
Daniel O'Rourke—A well-known kind	3	0 10



KING OF THE DWARF PEAS.

King of the Dwarfs. — A new variety introduced by us last season, which is a cross between Little Gem and American Wonder. It grows about the same height as Little Gem, and comes in immediately after that variety. It is a stout, erect grower, and bears up well its heavy crop. The quality is excellent.

Height. 1 foot. Per quart, 2s.



SANGSTER'S IMPROVED, NO. 1, PEAS.



KENTISH INVICTA PEAS.

Cannell & Sons' Complete Seed Guide.

	Height in feet.	Per qt. s. d.
Ringleader —Very early, hardy, and productive...	2½	1 0
American Wonder —An excellent early variety, compact in habit, the best for forcing; must have good soil, well prepared ...	1	1 9



AMERICAN WONDER.

Dillestone's Early —A good cropping early variety ...	3	0 10
First and Best —One of the best for early sowing ...	3	1 0
Tom Thumb, or Beck's Gem —Fine forcing ...	1	1 3
Early Kenilworth —A fine blue round Pea; good cropper and fine flavour ...	3½	0 8

SECTION II.; or, SECOND EARLY VARIETIES.

William the Conqueror —A first-rate second early blue Marrow, coming into use about the same time as William the First. Dark green pods well-filled, produced in pairs from bottom to top. Pronounced to be the best Pea for market gardeners ...	5	1 0
Laxton's Supreme —An excellent variety, with long pods; grown extensively by market gardeners ...	4	1 0
McLean's Little Gem —An early dwarf wrinkled Marrow, requiring no sticks; may be sown for late as well as early crops ...	1	1 6
Prince of Wales —A first-class white wrinkled Pea of excellent flavour; good cropper ...	3	1 6
Victor , pods produced in pairs, each containing on an average 6 to 7 large peas of the finest flavour ...	2½	1 6
Sharpe's Queen —A blue wrinkled Marrow of sturdy branching habit. It requires to be sown thinly, as the pods are produced from the very bottom to the top. If sown at the ordinary time this variety succeeds the Prince of Wales. The pods are long, slightly curved, decidedly neat, and packing close; the Peas are of full average size, 7 to 8 in a pod, deep green, and of a delicious flavour when cooked...	2½	2 6
Laxton's Fillbasket —This is a very prolific Pea, the pods are very long, curved, and closely filled, and of a deep green colour; suitable for exhibition ...	3	1 3
Hundredfold, or Cook's Favourite —A sure and heavy cropper; capital flavour ...	4	1 0
Advancer —Green wrinkled Marrow; abundant bearer...	3	1 0

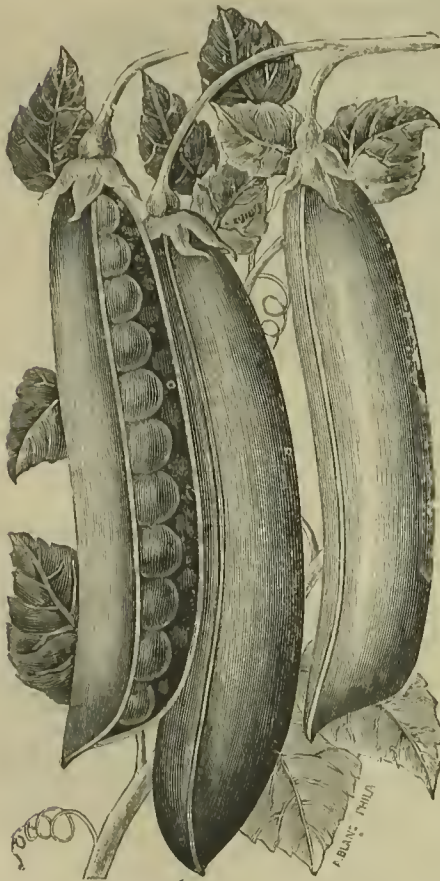
Cannell & Sons' Complete Seed Guide.

	Height in feet.	Per qt. s. d.
Princess Royal —A fine second early sort	4	1 0
Prizetaker —Very prolific Pea, of a fine green colour when young	4	0 10
Champion of England —One of the most useful Peas, and can be relied on, although sometimes put aside by the newer kinds. It is hard to beat, very prolific, remains in bearing for a considerable time, and does best in light soils	5	1 0
Stratagem —A dwarf wrinkled variety of robust habit, with immense pods, containing 8 to 10 rich flavoured peas	2	2 0
Laxton's Alpha —A fine early Marrow Pea, haulm completely covered with well-filled pods	2½	1 3
Walker's Perpetual Bearer —A new variety, of robust habit, a great cropper and continuous bearer; its hardy constitution, resisting the mildew, renders it very valuable as a late variety; should be sown very thinly on account of its branching habit... ..	3	1 9
Yorkshire Hero —A superior wrinkled variety, compact habit, dark green foliage, flavour good	2½	1 6

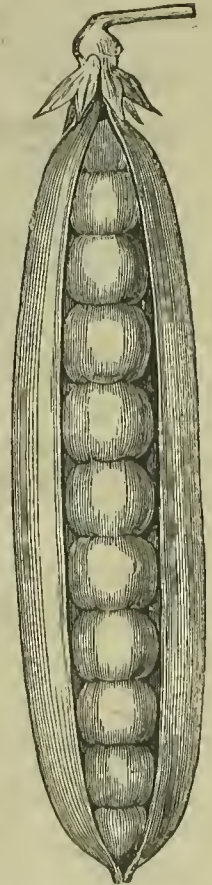
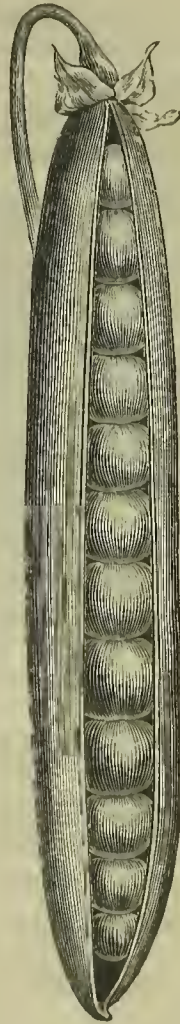
SECTION III.; MAIN, or GENERAL CROP.

Dr. McLean —Blue wrinkled Marrow, vigorous habit, dark green foliage, immense pods, one of the best for a main crop; we possess an excellent stock	3½	1 0
Fortyfold —Excellent quality and very prolific	5	1 0
Ringwood Marrow —Good for general crop	4	1 0
Ne Plus Ultra —Notwithstanding the many improvements and numerous introductions of new peas, this old favourite still maintains its position as a late variety. It continues growing and bearing for weeks, whilst some varieties produce one flush of pods and are over in a very short time	6	1 6
Veitch's Perfection —One of the best for the main crop	3	1 6
Telephone —A new wrinkled variety, selected from Telegraph, an immense cropper, pens very large, and of exquisite flavour; fine for exhibition	5	1 9
British Queen —A delicious wrinkled Pea, very prolific, and continues bearing for a great length of time	6	1 4
Omega —A dwarf Pea of the Ne Plus Ultra type; as a late variety it is unequalled 2½	2½	1 9
G. F. Wilson —A fine variety in the way of Veitch's Perfection, but a few days earlier	4	1 6
Blue Scimitar —A prolific and useful sort	3	0 9
Best of All —A splendid wrinkled variety for the main crop, its quality, robust habit, and productiveness will recommend it to any grower of wrinkled peas	3	1 3
Telegraph —A distinct variety, and a strong grower	5	1 0
Pride of the Market —A capital large round variety	2	1 4
Duke of Albany —An excellent cropper, and invaluable for exhibition, the pods being of immense size, fully 6 inches in length, and filled with fine peas of excellent flavour	6	1 9
Magnificent —A grand new main crop Pea, robust habit, and produces abundantly large square-ended pods	5	1 0
Royal George —A splendid wrinkled Marrow, not usually offered	6	1 0
Royal Jubilee —The largest podded Pea we have ever grown; one of the best for exhibition, stock limited, and the best flavour of all	4	2 6
Duke of Connaught —A first-class exhibition variety; distinct, stock limited ...	4	1 6

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STRATAGEM.



TELEPHONE PEA. PRINCE OF WALES PEA.

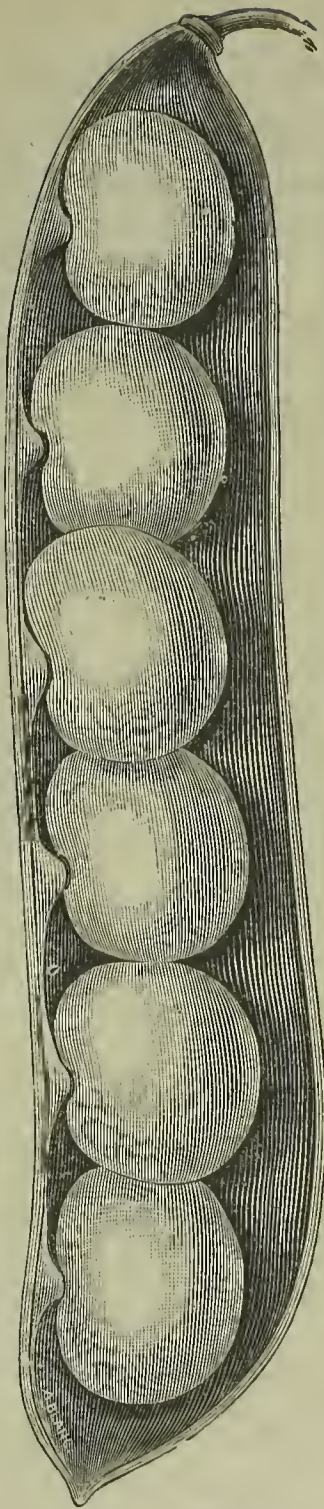
Autoerat—We find this variety one of the most prolific Peas in cultivation. It continues bearing for a considerable time—in fact, when the crop of this kind was ready for harvesting, pods suitable for the table were found in abundance...

Dignity—A grand main crop variety, suitable for exhibition; highly recommended

Height in feet.	Per qt. s. d.
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4	1 6
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5	1 6
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HARLINGTON WINDSOR BEAN.

for several years been grown continuously from the finest pods only, and although the pods reach an immense size, the flavour is extremely delicate. Per pkt. 1s. 6d.

BROAD BEANS (*Faba vulgaris*).

CULTURE.—For an early crop a sowing of *Mazagan* may be made in October or November, on well drained soil. The main crop should be sown in February, others may follow up to the end of May. Sow in drills, about 2 inches deep, the beans to be 3 inches apart and the drills 2 to 3 feet apart. The ground should be trenched and well manured. Per quart.—s. d.

Giant Seville Long Pod —This variety is one of the longest podded beans in cultivation, consequently it is well adapted for exhibition purposes; good cropper and of fine flavour	1	0
Early Mazagan —The best for the first sowing	0	6
Johnson's Wonderful Long Pod —Very early, and a good cropper	0	6
Taylor's Broad Windsor —Large, and fine flavour	0	8
Green Windsor —Splendid colour when cooked, and fine flavour	0	8
Minster Giant Long Pod —Extra fine; a very prolific and large-podded sort	0	6
Monarch Long Pod —Large and productive	0	6
Green Long Pod —Very fine, and a nice colour when cooked	0	6
Harlington Windsor —The largest and most prolific Windsor Bean in cultivation	0	8
Beck's Dwarf Green Gem —An excellent dwarf sort, only one foot high	1	0
Bunyard's Exhibition Long-Pod .—This is undoubtedly the finest and most productive Long-Pod Broad Bean we have ever seen. We have thoroughly tested it, and is by far the best Bean in cultivation for exhibition. We have had pods measuring one foot in length well filled with beans, and are quite confident it is a splendid introduction	1	6

RUNNER BEANS (*Phaseolus multiflorus*).

CULTURE.—It is a common mistake to plant these too early. Sowings may be made in April, under glass, and the plants put out about the middle of May where they are to stand. If, however, they are to be sown in the open ground, do not put them in until the first week in May. This is the vegetable for a hot and dry season. When thickly mulched and watered, they will bear heavily and deserve all the labour of watering afforded them. They should be occasionally topped, to induce side growth. Per quart.—s. d.

Cannells' Selected Scarlet —A great improvement upon the old variety, produces very long pods, fleshy and tender; a heavy cropper	1	4
Neal's Ne Plus Ultra —The best for exhibition and main crop, producing an enormous quantity of extraordinary pods of splendid form, from 10 to 14 inches long, and quite straight. To grow it to perfection each bean should be planted 1½ feet apart in the rows	2	0
Giant White —A wonderful cropper, long pods, which are very tender; a capital exhibition variety	1	0
Champion —A select stock of the old Scarlet Runner	1	6
Painted Lady —Very handsome, scarlet and white flowers; very ornamental as well as useful	1	4
New White, Laxton's Czar .—By far the largest and best in the world. The true variety sent out by T. Laxton is an enormous podded white runner Bean, the pods of which run from 12 to 16 inches in length, are very thick, fleshy, and almost stringless, often 2 inches in diameter, and produced in clusters. It is also somewhat earlier and harder than the Scarlet Runner. The tendency of the Czar is to form thick fleshy pods and few seeds, and no other Bean approximates this for size, quality, and productiveness. The stock of this has		



FRENCH, or DWARF KIDNEY BEANS.

(*Phaseolus nanus*).

CULTURE.—*These are a great acquisition where it is inconvenient to grow Runners, as they occupy little ground and bear delicious and tender pods. Sow in boxes or pots, in a frame, for planting out at the end of May, and again, in the open ground, in May and June. The same applies to these as the Runners respecting mulching and watering, especially that excellent and well-known variety, "Canadian Wonder." It is not an exaggeration to say that by this means double the produce is obtained.*

Per quart.—s. d.

Canadian Wonder—This is without doubt the best of the Dwarf Beans, producing pods from 9 to 12 inches in length, which, when boiled, are very tender	1 4
Pale Dun, or Cream Coloured—A good early variety	0 10
Negro Long Pod—Very fine cropper	1 0
Sion House—Fine for forcing ...	1 0
Chinese, or Robin's Egg—A very productive and free cropper ...	1 0
Osborn's Forcing—A very dwarf quick-growing variety, well adapted for early sowing	1 3
Fulmer's Early Forcing—Large, and a good bearer	1 3
Ne Plus Ultra—A distinct variety. dwarf habit, early, and delicate flavour; very productive indoors and out; valuable for forcing ...	1 9

WAX POD, or GOLDEN BUTTER BEANS.

Much esteemed and largely used in America and on the Continent. The pods are of a beautiful creamy colour, are stringless, tender, and of a rich flavour.

RUNNER.

Per pint.—s. d.

Mont d'Or—Long golden coloured pods; very tender and delicious ...	1 0
--	-----

DWARF.

Early German Wax—Very delicate flavour; may be cooked whole	1 0
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MONT D'OR GOLDEN BUTTER BEANS.

Cannell & Sons' Complete Seed Guide.



CANADIAN WONDER.

Mr. HENRY BATES, Robertsbridge, Sussex,
September 12th, 1890.

The seeds I had from you have turned out remarkably well. This is my first year of exhibiting, and I am proud to say that I have taken seven prizes at our local shows.

Mr. T. TAPLIN, Garden Cottage,
St. Peter's Street,

Tunbridge Wells, *January 6th, 1890.*

I am living with G. Livesey, Esq., of 5, Camden Park, who intends having his vegetable seeds from you again this year.



NEGRO LONG POD.



ARTICHOKE (Globe)

(*Cynara Scolymus*).

CULTURE. — *The heads of these are very delicious when boiled and served with butter and salt. Sow in April in drills 18 inches apart, and transplant 3 feet apart each way.*

	Per oz.—s. d.		
Large Green Globe	0 10
Large Purple Globe	0 10

For plants, see page 63.

Mr. W. E. BROWN, 182, Brixton Hill, S.W.

I have done remarkably well with your vegetable seeds that I had in the spring.

Canrell & Sons' Complete Seed Guide.

ASPARAGUS

(*Asparagus officinalis*).

CULTURE (for Exhibition Purposes).—

To raise plants for transplanting, seed may be sown in drills one foot apart and an inch deep, early in April, covering with fine soil. Every fifth row may be omitted for convenience in cleaning. The seeds should be placed two inches apart, and all allowed to grow until early in June, when, or before, they will be in what may be termed second feather. Then is the time to mark the plants. Some will have a strong first feather, and a second growth coming; this is the one required. Others will have weaker and more numerous feathers, which should be grubbed out with a hand fork, leaving those that have single feathers as near six inches apart as possible. The exact distance is immaterial; the chief thing is to get the plants of the character indicated above, as the plants are to remain a year only before transplanting. The first feather is to be cut away in favour of the second when the latter overtops it, or when it is well advanced in growth, and this second shoot is to be shorn every favour through the season, cutting away all others coming after early July, but if there arise another stronger shoot by, say Midsummer day, select it and cut away the second. In fact, save the best of the shoots appearing by or before Midsummer, and cut all others away right through the season, as any coming after that have no chance of forming well-ripened buds. If a stronger shoot comes later, save both. This is the treatment advised for the seedlings in the first year to obtain plants with strong single crowns for transplanting the following spring, into a permanently prepared bed of deep, light, friable soil, well trenched and mixed with decayed manure. It is not advisable to cut during the first year, and but very sparingly the second, and should never be prolonged after Midsummer, or the plant will be injured.



CONNOVER'S COLOSSAL ASPARAGUS.

	Per oz.—s. d.
Connover's Colossal	0 6
Giant	0 6

For plants, see page 62.

BEET (*Beta vulgaris*).

CULTURE.—Sow the middle of April, on ground that has been

deeply dug and well manured the previous year. At the time of sowing, the ground should be again deeply dug and the seeds sown in rows a foot apart. It may be sown in drills drawn by a hoe, or by dibbling a few seeds in holes an inch deep and a foot apart in the rows; thin out, when the plants are about 2 inches high, to a foot apart where in drills, and where dibbled in holes draw out all except one. When lifting the roots, in October or November, great care must be taken not to bruise them or cut off any small shoots or out growths or the colouring will be gone.



DELL'S CRIMSON BEET.

Cannell & Sons' Complete Seed Guide.



	Per oz.—s. d.
Nutting's Select Dark Red—A splendid variety for general purposes ...	0 8
Dell's Crimson—Leaves of a dark bronze colour; very ornamental for the flower garden ...	0 6
Dark Red Egyptian Turnip-rooted—Turnip shaped, flesh dark crimson colour, useful for Summer salads ...	0 6
Pineapple Short Top—An excellent variety ...	0 6
Ornamental Chilian—This is a non-edible variety, but is much used for decorating shrubberies, banks, and the flower garden; its brilliant colours make it very attractive ... per pkt. 3d. & 6d.	
Spinach, or Perpetual Beet—Both stalks and leaves of this variety are used; the former should be served up as Asparagus, and the latter makes an excellent substitute for Spinach...	0 6
Silver, or Sea-kale—The mid rib of the leaf of this variety is used in the same way as Sea-kale ...	0 9
Cheltenham Green Top—An excellent kind, of uniform size; splendid colour when cooked, flavour good; foliage almost green ...	0 8

BORECOLE, or KALE (*Brassica oleracea fimbriata*).

CULTURE.—Sow about the middle of March, or early in April, broadcast, over a well-prepared bed, and cover lightly with fine soil. When the plants are large enough to be handled, prick out, on another prepared bed, about 6 inches apart, and well water them. In May these will be quite strong enough to be planted out in their permanent quarters about 2 feet 6 inches apart each way.



DWARF GREEN CURLED KALE.

	Per oz.—s. d.
Dwarf Green Curled—For early and general cultivation ...	0 6
Asparagus—A useful kind, with purple shoots; very delicious and hardy ...	0 6
Buckman's Hardy Winter—This is a valuable and distinct variety, very hardy and productive, and will produce a succession of beautiful Greens during the severest winter ...	0 6
Tall Green Curled—A useful variety ...	0 6
Cabbaging or Hearting—A fine variety, with compact head; somewhat like a Cabbage ...	0 6
Variegated—Very useful for garnishing ... 3d. & 6d. per pkt.	
Cottager's—Much in request, very hardy, and produces a large crop ...	0 6
Ragged Jack—Yields a large quantity of delicate sprouts in spring ...	0 6
Chou de Milan—The ribs of this are like Asparagus in flavour when cooked ...	0 6

Cannell & Sons' Complete Seed Guide.

BRUSSELS SPROUTS (*Brassica oleracea* var.)



CANNELLS' MATCHLESS
BRUSSELS SPROUTS.

CULTURE.—Sow the seed between the beginning of March and end of April—the earlier the better—in drills, on a well prepared bed, and cover thinly with fine soil. When the plants are 2 or 3 inches high, draw out the strongest and transplant into another bed, 6 inches apart. In May or June they are to remain 2 feet apart in the rows and 1½ feet between the plants in the rows. Ground should be prepared early so as to allow the soil to become firm.

Perpkt. Peroz.
s. d. s. d.

Cannells' Matchless—This variety is a marked improvement on the ordinary kinds. The stems are covered with fine large delicious buttons, and needs only one trial to ensure approbation ... 3d. and 0 6 1 0

Serymger's Giant—A superior and useful variety, producing an abundance of compact sprouts of delicate flavour ... 0 3 0 6

Finest Imported—A fine selection ... — 0 8

Rosebery—Large and very fine ... 0 3 0 6

Albert Sprouts—A hybrid between Brussels Sprouts and Savoy ... — 0 8

Dalkeith—Robust habit, medium height, richly flavoured sprouts ... 0 3 0 6

Dalmeny Sprouts—This is a hybrid between Cabbage and Brussels Sprouts. After the tops are cut off, a

fine succession of sprouts is obtained for a lengthened period ... — 0 8

Aigburth—One of the hardiest and most productive varieties in cultivation ... 0 3 0 6

President Carnot—A new and select stock ... — 0 6

BROCCOLI (*Brassica oleracea botrytis*).

CULTURE.—Early sowings may be made in February, under glass, followed by sowings in the open ground, middle of April and second week in May, for successional crops. When the plants are large enough, prick out into a bed 6 inches apart, and, after they have acquired considerable strength, transplant to a piece of ground that has been previously well dug and manured, in rows 2½ feet apart and 2 feet distant from each other. As the plants advance in growth draw the soil around the stems, and give liquid manure occasionally.

SECTION I.—For Cutting from September to November.



WALCHEREN BROCCOLI.

Perpkt. Peroz.
s. d. s. d.

Walcheren—One of the best for successive sowings, 6d. and 1 0 1 6

Grange Early White Cape—A fine variety for autumn use ... 6d. and 1 0 1 6

Veitch's Self-Protecting—Beautiful white and firm heads, thoroughly protected by the leaves; remain a long time fit for use ... 6d. and 1 0 1 6

Purple Cape—If sown the end of February large close heads may be obtained in August and September; excellent flavour ... 3d. and 0 6 1 0

SECTION II.—For Cutting from December to February.

Snow's Winter White—True; a valuable winter variety ... 3d. and 0 6 1 0

Early Penzance White—One of the best early varieties; fine white heads, 3d. and 0 6 1 0

Early Purple Sprouting—A useful variety for small gardens ... 3d. and 0 6 1 0

Adams' Early White—Very fine ... — 0 10

White Sprouting—Very productive, quick in growth, fine flavour ... 3d. and 0 6 1 0

Cooling's Matchless—Comes into use soon after Snow's Winter White, very hardy 3d. and 0 6 1 0

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SECTION III.—For Cutting in March and April.

			Per pkt.	Per oz.
			s. d.	s. d.
Leamington—Good size heads, close and well protected	3d. and 0	6 1 0
Miller's Dwarf White—A most useful kind	...	...	3d. and 0	6 1 0
Knight's Protecting—A favourite sort	...	...	3d. and 0	6 1 0
Brimstone, or Portsmouth—Too well known to need any description	...	...	3d. and 0	6 1 0
Chappell's Cream—A good old sort	...	...	3d. and 0	6 1 0
Dilecock's Bride—Fine pure white	...	...	3d. and 0	6 1 0
Elletson's Mammoth—A very large and compact variety	...	...	3d. and 0	6 1 0

SECTION IV.—For Cutting from April to June.

Cattell's Eelipse—Very hardy; a most excellent late sort	...	...	3d. and 0	6 1 0
Williams's Alexandra—Very fine; white, late, and large	...	...	6d. and 1	0 1 6
Willeove's Late White—One of the latest	...	...	3d. and 0	6 1 0
Champion—Very late; strongly recommended	...	...	3d. and 0	6 1 0
Hill's June—Fine late white	...	...	3d. and 0	6 1 0
Ledsham's Latest of All	...	...	3d. and 0	6 1 0

CABBAGE (*Brassica oleracea capitata*).

CULTURE.—*Little need be said respecting the cultivation of this popular vegetable. A good supply of young and tender cabbages through the winter is certainly worth some little labour to obtain. There is nothing in the way of winter greens that can approach good cabbages in delicacy of flavour, and those who have never made a practice of growing them ought to do so. No better preparation of ground with a coat of manure can be made than in the lifting of early potatoes, when such a piece of ground may be profitably utilised by them. Sow in March and April for Autumn and Winter use, and early in August for Spring and Summer cutting.*



EARLY ETAMPES CABBAGE.



RED DUTCH CABBAGE.

Cannell & Sons' Complete Seed Guide.

	Per pkt.	Per oz.
	s. d.	s. d.
Early Etampes —A valuable new French variety now coming into favour, pronounced to be the earliest of all the spring Cabbages. Awarded a Certificate of Merit at the Vegetable Conference held at Chiswick in September, 1889... ..	0 4	0 8
Early Rainham —A most useful and early variety	—	0 6
Wheeler's Imperial —Dwarf and very early	—	0 6
Enfield Market —Very early and large; extensively used by market gardeners	—	0 6
Improved Nonpareil —A fine dwarf variety, of excellent flavour. Comes in very early	—	0 6
Meins, No. 1 —A valuable variety, either for spring or autumn sowing	—	0 10
Defiance —Unequalled for earliness and quality. Medium-sized hearts, wonderfully solid and compact, fine, tender, and delicate flavour. It is suitable for either spring or autumn sowing	—	0 6



NONPAREIL CABBAGE.



DEFIANCE CABBAGE.



LITTLE PIXIE CABBAGE.

	Per oz.—s. d.
Cocoa Nut —A very early variety, small and compact	0 6
Ellam's Early Dwarf —Very early, small and compact	0 8
Red Dutch —The best for pickling	0 6
Atkins' Matchless —Dwarf kind	0 6
Early York —Small, but very early... ..	0 6
Tom Thumb, or Little Pixie —Suitable for Summer use	0 6
Couve Tronchuda, or Portugal Cabbage —Should be grown in every garden	0 6
Sugar Loaf —Conical shaped, of excellent flavour when cooked; very distinct	0 8
Kohl Rabi, or Turnip-Rooted —If the roots are boiled when young they are excellent	0 6
Rosette Colewort —Exceedingly delicate	0 6
Chou de Burghley —This new vegetable is a cross between the Broccoli and Cabbage. Its outward appearance is like that of a Cabbage, from which it differs, on being cut through, in having a miniature Broccoli enveloped between the leaves. It is perfectly hardy, and delicate in flavour when cooked per pkt. 6d.	

Cannell & Sons' Complete Seed Guide.

CABBAGE, SAVOY (*Brassica var. sabanda bullata*).

CULTURE.—*Treat the same as for Cabbage.*



DRUMHEAD SAVOY.



SAVOY, GREEN CURLED. Per oz.—s. d.

Drumhead—Grows to a large size, very sweet and tender after frost	...	...	...	0	4
Green Curled—Suitable for the main crop	...	...	...	0	6
Early Dwarf Ulm—Very early and compact; may be planted closer than some sorts	...	...	...	0	6
Tom Thumb—A very small kind, does not grow much larger than the Drumhead Lettuce	...	...	...	0	6
Marcelln—Strongly recommended	...	...	...	0	6

CARROT (*Daucus carota*).

CULTURE.—*The French Scarlet may be sown in frames in December and January; in February, succession sowings may be made on warm borders; in March, a larger sowing may be made; and for general crop sow about the middle of April, either broadcast on beds or in drills. Preference should be given to the drills, as the crop can then more easily be kept clean. As soon as the plants are 2 or 3 inches high, thin out to 2 or 3 inches apart at the first thinning; after a few weeks give a final thinning to 6 or 8 inches distance, and the crop allowed to remain till it has perfected its growth in Autumn.*



IMPROVED EARLY SCARLET
HORN CARROT.



LONG RED SURREY CARROT.



ALTRINGHAM CARROT.

Cannell & Sons' Complete Seed Guide.



ST. VALERY CARROT.

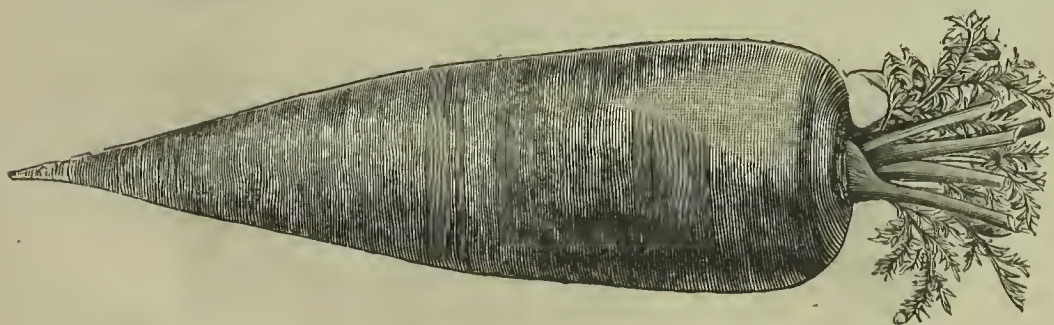
Per oz.—s. d.

St. Valery—Long red, narrow, very even roots, flavour good; a fine exhibition variety ... 0 6



GUERANDE CARROT.

Guerande—A French variety of great merit, stump rooted, very broad, flesh tender, and with very little core ... 0 6



JAMES' INTERMEDIATE CARROT.

James' Improved Scarlet Intermediate—Good for shallow soils, large size, excellent quality	...	...	...	...	...	...	...	...	0 6
Improved Early Scarlet Short Horn—Very fine for Summer use	...	...	...	...	...	...	...	...	0 6
Scarlet Altringham—A very long variety, mild flavour, good keeper	...	...	...	...	...	...	...	...	0 4
Early Scarlet Nantes—A medium-sized variety	...	...	...	...	...	...	...	...	0 6
French Scarlet Horn—Very sweet, and fine for foreing	0 8
Long Red Surrey—A valuable variety for deep soils	9

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CAPSICUM (*Capsicum annum*).

USE.—The pods are used for pickling, and, when ripe, ground to make Cayenne pepper.

CULTURE.—Sow in the end of March or beginning of April in pans, and place in a hotbed. When the plants are in seed leaf, thin to 4 inches apart; those drawn out may again be transplanted into pots or pans. Continue them in the hotbed, and give air freely. In May, harden them off by gradually exposing to the open air. Early in June transplant, where they are to remain, in a sheltered position, under a south wall.



CAPSICUM, GOLDEN QUEEN.



CAPSICUM, BELL, OR BULL'S NOSE.

Child's Celestial Pepper—The plant begins to set its peppers early in the season, branching freely, and bearing profusely. The fruit, up to the time they are fully grown, are of a delicate creamy-yellow colour, and when fully grown change to an intense vivid scarlet, making a plant when loaded with fruit, part of one colour and part of the other, an object of the most striking beauty and oddity. The peppers are from two to three inches long, of clear, sharp flavour, and superior for any of the uses to which a pepper can be put per packet, 6d. & 1 0 s. d.

Ruby King—Plants are very sturdy in habit, and each produces from 6 to 12 large handsome fruits, which, when ripe, are of a beautiful bright ruby-red colour; remarkably mild and pleasant to the taste per packet 1 0

Large Bell, or Bull's Nose—Large, early; mild flavour; colour glossy red ...

Golden Queen—A very ornamental variety

Prince of Wales

Long Yellow

Long Red

Chili

Mixed Varieties

} All at
6d.
per packet.

Mr. S. J. CHISNALL, Aspley Guise, Beds.

I am on the Committee of several Cottage Garden Societies, and all times have considered that your seeds, &c., produce the best effect at the different shows.

CARDOON.



CARDOON.

Cardoon—The stalks of the leaves are blanchd like Celery Per oz.—s. d.
... .. 1 0

CAULIFLOWER (*Brassica oleracea* var. *botrytis*).

CULTURE.—Sow end of January or early in February in a frame on a slight heat, or in a house, so that the plants may be forwarded and hardened off by April, when a sowing may be made outdoors. From this sowing heads will be produced in July and August. To stand the winter, seeds should be sown about the third week in August. The Early London and Early Dwarf Erfurt are both reliable sorts. Select a sunny, well-drained spot for the seed bed, well work, and if at all heavy, add a good dressing of fine sandy soil or old potting compost, after which the seed may be sown thinly and broadcast, and covered with fine soil. When the seedlings appear apply an occasional dusting of soot and lime as a preventive against slugs. The strongest plants, when ready, should be dibbled out rather thickly in hand-lights and cold frames, and the remainder left in the seed bed, where they will frequently survive an ordinary severe winter. Finally, plant out in spring.

	Per pkt.	Per oz.
Early Dwarf Mammoth—Fine as a forcing variety, or for the early crop outdoor; close, solid, and pure white heads	s. d. 1 6	s. d. 2 6
Early Snowball—Dwarf habit, with heads of medium size, very compact, and of good flavour	1 6	—
Early London—Compact; very early	6d. & 1 0	1 6
Stadtholder—A fine late variety	6d. & 1 0	1 6
Large Asiatic—Very large, white, and compact	6d. & 1 0	1 6

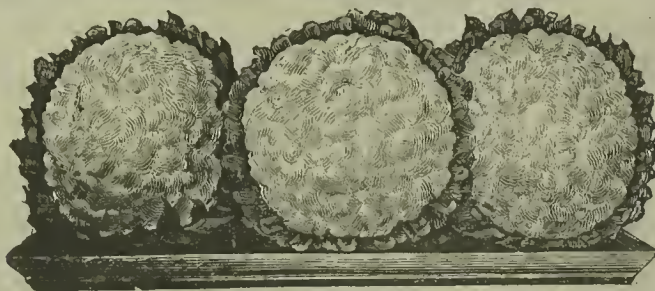
Cannell & Sons' Complete Seed Guide.

CAULIFLOWER—Continued.



AUTUMN GIANT CAULIFLOWER.

				Per pkt.	Per oz.
Autumn Giant—Perfectly distinct from any other sort. The heads are					
beautifully white, firm, and compact, and, being thoroughly protected by the	s. d.	s. d.			
leaves, remain longer fit for use than any other kind	6d.	& 1 0		2 0	



EARLY DWARF ERFURT CAULIFLOWER.

Selected Early Dwarf Erfurt—The best of the earliest sorts. By occasional					
sowing, a supply can be kept up until Christmas	6d.	& 1 0		2 0	

Mr. F. GREEN, the Gardens, Sprowston Hall, Norwich.
The seeds we had from you the last three years have given the greatest satisfaction.

Rev. C. E. WALKER, March Rectory, Cambridgeshire.
Messrs. Cannells' seeds *deserve* their world-wide reputation.

Mr. H. FORD, Bashley Lodge, Lymington, Hants.
I always found your seeds good; recommend and prefer them to others.

Mr. WILLIAM LUNN, Allington Farm, near Bishopstoke, Hampshire, *February 1st, 1890.*
The seeds I had from you last year turned out splendid, every seed must have grown. I hope to get you a larger order this time.

Cannell & Sons' Complete Seed Guide.

CAULIFLOWER—*Continued.*



WALCHEREN CAULIFLOWER.

								Per pkt.	Per oz.
								s. d.	s. d.
Walcheren—Good for general crop	...	...	...	...	...	...	...	6d. & 1 0	1 6

CELERY (*Apium graveolens*).

CULTURE.—In February sow in heat; March and April in open border. Plant in April, May, and July, from 2 feet 9 inches to 3 feet between the trenches. Well manure the bottom of the trenches with rotten dung from an old hotbed, and well water in dry weather.



LEICESTER RED CELERY.



CANNEL'S HEARTWELL WHITE CELERY.

Cannell & Sons' Complete Seed Guide.

CELERY—Continued.

Cannells' Heartwell White—A fine variety, unequalled for crispness and sweet nutty flavour; dwarf habit of growth, and very solid heads per pkt. 1 0

Standard Bearer—A splendid red variety, awarded two certificates of merit. The plant is of sturdy compact habit, robust growth, and medium height. It grows to a heavy weight, and remains a long time in perfection; is of superior quality, perfectly solid, crisp, juicy, and of a fine nutty flavour per pkt. 1 0



CELERIAC.

Leicester Red—The finest red Celery in cultivation, exceedingly crisp ... 6d. & 1 0

Sulham Prize Pink—One of the best pink varieties, close habit, large heart, remarkably solid, crisp, and of a fine walnut flavour ... 3d. & 0 6

Sandringham White—The best white Celery grown, large but not coarse, solid, crisp, and juicy ... 6d. & 1 0

Cole's Crystal White—Dwarf, crisp, and solid ... 3d. & 0 6

Cole's Defiance Red—Very hardy and dwarf ... 3d. & 0 6

Ivery's Nonsuch Pink—Solid pink ... 3d. & 0 6

Celeriac, or Turnip-rooted Celery—Chiefly used in soups ... 3d. & 0 6

Major Clarke's Red—Very solid, crisp, compact, and of a delicate flavour ... 6d. & 1 0

Soup Celery—For flavouring soups ... per oz. 0 3

Invincible White.—A vigorous growing sort, very crisp, solid, and well-flavoured. It can be grown for exhibition to an enormous size without running to seed. Certificated at the Vegetable Conference of the Royal Horticultural Society ... per pkt., 6d. & 1 0

CUCUMBER (Frame) (*Cucumis sativus*)

CULTURE.—Nothing is so desirable as good Cucumbers, but attention is required if good fruit is to be obtained. The seeds may be sown in January and February in pots or pans. The temperature of the seed-bed should range from 70 to 80 degrees, never sinking below 60 degrees. Admit air in mild weather, both night and day. Outdoor or Ridge Cucumber should be sown in pots during April, and transplanted in May to a spot previously prepared with well-rotten manure.

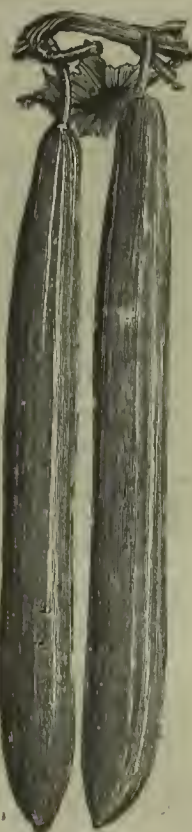
Per pkt.—s. d.

Lockie's Perfection.—This Cucumber came out last year with great honours and higher character than, perhaps, any variety ever before. We were so taken with its appearance on several exhibition tables, that we determined to set apart a 100 feet house for its culture, so as to have it perfectly true, and, with one exception, it has maintained exactly the character the raiser gave it, which is, it is not so long by 2 to 3 inches. In all other respects it is a splendid variety, its chief features being the finest in the Telegraph family, with black spines; the very thing wanted for years, as it gives this prolific class the high and delicious flavour of the old Black Spine, which the Telegraph was so deficient in. Further, it is the darkest green of any, very free, and taking all points into consideration, it is decidedly a grand addition, and should be grown in the place of Telegraph every where, especially as a market cucumber per pkt. of 10 seeds 1 0

Mrs. CLARA S. MOCHLER. The Chase, Torquay, September 15th, 1890.

Gentlemen,—I am myself going abroad for the winter, but trust on my return to be your customer again. Your seeds gave me great satisfaction.

Cannell & Sons' Complete Seed Guide.



IMPROVED
TELEGRAPH CUCUMBER.



CUCUMBER,
BEDFORDSHIRE PRIZE.

Improved Telegraph—This useful and well-known variety is probably one of the best in cultivation, a sure cropper, and may be depended upon. We possess a splendid stock, quite true, no other variety being grown near. Sure to give satisfaction $\frac{1}{2}$ packet, 6d.; 1s. and s. d. 2 0

Tender and True—Fine variety for exhibition, handsome fruit of a dark green colour, first-class quality 1 0

Cuthill's Black Spine—A very prolific kind and much approved 0 6

Blue Gown—Splendid shape and superior quality 1 0

Duke of Edinburgh (Monro's)—A fine variety 0 6

Sion House—A well-known variety; very prolific 0 6

Marquis of Lorne—White spine and handsome fruit 0 6

Hamilton's Market Favourite—A splendid market variety very prolific, producing an abundance of well-shaped fruit ... 1 0

Paragon—Strongly recommended 1 0

Kirklees Hall Defiance 0 6

Cardiff Castle—For shape, size, and flavour it is all that can be desired; a continuous bearer 1 0

Once Grown ever Grown 0 6

Extract from the GARDENING WORLD, of October 18th, 1890.

CUCUMBER "ONCE GROWN, EVER GROWN."—This is really a poor man's Cucumber, and is one of the most prolific sorts ever grown, producing as many as 16 fruits at a joint. The fruits vary from 9 inches to 13 inches in length, and are produced under the most haphazard treatment.

Cannells' Favourite—A first-class variety, attains a good length 1 0

Masterpiece—New 1 0

Duke of Norfolk—New 1 0

Duke of Albany 1 0

CUCUMBER (Ridge or Outdoor).

Bedfordshire Prize—This is a superior variety of outdoor Cucumber, fine flavour and appearance; a prolific bearer ... per pkt. s. d. 0 6

Stockwood Ridge—Fine, and a free grower }

Short Green Gherkin—The one most used for pickling, fruit being only from 3 to 4 inches long }

Long Prickly }

Short Prickly }

All at 3d.
per packet.

Canrell & Sons' Complete Seed Guide.

CRESS (*Lepidium sativum*).

CULTURE.—*Plain and Curled Cress should be sown weekly during the whole year, if a regular supply is required, the state of the weather regulating the method of sowing. As a rule, from November to March, a gentle hotbed is the best. Australian Cress sown in the open border during March and April, and in a cool and shady place in May, will produce crops in succession; and, if sown under a north wall in September and October, with a little protection, will afford a supply during Winter and Spring. Water Cress may be easily grown in a damp and shady place, and on no account must suffer from drought. Sow in March and April.*

	Per qt.	Per pint.	Per oz.
	s. d.	s. d.	s. d.
*Plain—The best for general use and Salads	1 0	0 8	0 2
*Fine Curled—Useful for garnishing and Salads	1 0	0 8	0 2
Australian—Very tender; mild flavour... ..	—	—	0 3
American, or Land—Perennial variety, similar in flavour to Water Cress	—	—	0 4
Water Cress... ..		per pkt., 6d.	

* Cheaper by the peck or bushel.

ENDIVE (*Cichorium endivia*).

CULTURE.—*For Autumn use sow end of April or during May, on prepared soil, in drills a foot apart, and thin out to 6 inches from plant to plant; water in dry weather. If a Winter and early Spring supply is needed, sow in July and August and transplant to frames, or a sheltered position, secure from frost.*



GREEN CURLED ENDIVE.

	Per oz.—s. d.
Green Curled—The one mostly cultivated for general crop, very crisp and hardy	0 8
Improved Round-leaved Batavian—Very compact, forms a nice heart, blanches easily	0 8
White Curled—Very tender when young	0 9
Moss Curled—Beautifully curled, like Moss	0 9
Green Batavian—Large and fine	0 8
Digswell Prize—A superb large green curled variety	0 8

GOURD, or PUMPKIN (*Cucurbita*).

CULTURE.—*Same as Vegetable Marrow.*

	Per pkt.—s. d.
Hundredweight, or Mammoth—The largest in cultivation, often attaining an incredible weight	0 6
Small Orange	} all at 0 3
Pear Shaped—Very ornamental fruits	
Edible Varieties—Mixed	
Ornamental Varieties—Mixed. Many curious and pretty varieties	2 6
25 Varieties—Separate	1 6
12 " "	

Cannell & Sons' Complete Seed Guide.

ORNAMENTAL GOURDS.



HERBS, GARNISHING PLANTS, &c.

3d. and 6d. per packet, except where priced by the ounce.

Angelica—For flavouring.

Anise—For seasoning and garnishing.

Balm—Aromatic plant. May be used in salads.

Basil, Sweet } Excellent for flavouring soups.

„ Bush }

Borage—Used for Summer drinks; excellent for bees.

Chicory—Per oz., 6d.

Chervil, Curled—For salads. Per oz., 6d.

Corn Salad—A hardy, useful salad. Per oz., 6d.

Clary—Makes a pleasant wine.

Caraway—Seeds used in confectionery.

Coriander—Young leaves used in soups and salads.

Dill—Leaves used in pickles and sauces.

Fennel—For garnishing and fish sauce.

Cannell & Sons' Complete Seed Guide.

HERBS—Continued.

Horehound—For the cure of asthma.

Hyssop—Leaves and shoots used for pot-herbs, also medicinally.

Lavender—Grown for its sweet-scented flowers.

Marigold, Pot—Flowers used in soups.

Marjoram, Sweet or Knotted } Used in soups and stuffings, also, when dry, for Winter use.
 „ Pot or Perennial }

Purslane, Green } Shoots used in salads.
 „ Golden }

Rue—For garnishing, also useful for poultry.

Rosemary—Sprigs for garnishing; leaves for making a drink to relieve headache.

Sage—For stuffing and sauce.

Savory, Summer } For seasoning; also useful in a dry state for Winter.
 „ Winter }

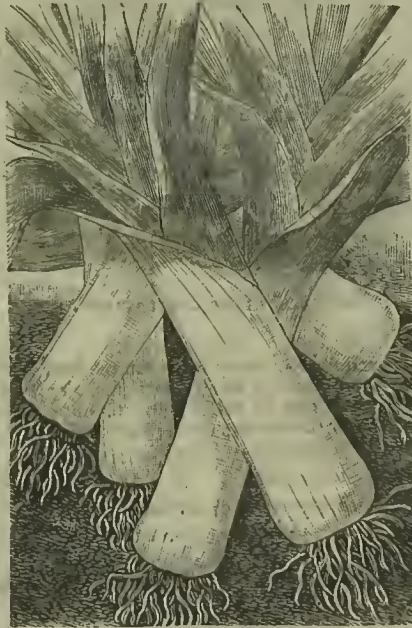
Sorrel.

Thyme—For soups and seasoning, also stuffing.

Wormwood—Used as a tonic when taken in tea.

LEEK (*Allium porrum*).

CULTURE.—For an early crop sow in a pot, pan, or box early in February, and place in a frame or a slightly-heated place, and when the plants are 3 or 4 inches high, prick out in a sheltered position or frame in rich soil. Here they are to remain until good-sized plants are formed, and then transplanted to their permanent quarters. Leeks of very fine quality, and good enough for ordinary use, may be obtained from seed sown the first week in March, broadcast, on a warm border, and cover lightly with mellow soil. Transplant, when large enough, in rows a foot apart, and about 8 inches in the row, in the same way as Celery. Well manure.



MUSSELBURGH LEEK.

Cannell & Sons' Complete Seed Guide.

LEEK—Continued.

Leek, Champion.—This Leek has gained many honours, including all the First Prizes at the recent International Horticultural Exhibitions. It was Certificated by the Royal Horticultural Society at the Vegetable Conference, 1889 per pkt., 6d. & 1 0

	Per pkt. s. d.	Per oz. s. d.
The Lyon —A thoroughly distinct variety, matures early, grows to a great size and weight without coarseness. The white part, when blanched, often exceeds 16 inches in length and 9 inches in circumference 1 0 —		
Giant Ayton Castle —The largest variety grown — 0 9		
Musselburgh —Large Scotch — 0 10		
Henry's Prize — 0 10		
London Flag — 0 6		

LETTUCE (*Latuca sativa*).

CULTURE.—Sow from the first week in March till September for succession. When 3 inches high, remove the strongest plants to prepared ground, and plant them in rows from 1 to 2 feet apart, according to size. For Spring use sow in Autumn, prick out in frames and transplant early.

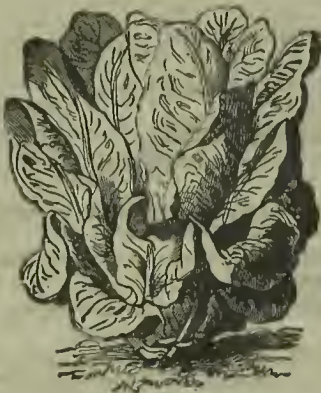
COS VARIETIES.



CANNELLS' GIANT COS LETTUCE.

	Per pkt. s. d.	Per oz. s. d.
Cannells' Giant Cos —Larger and finer in every way than the best types of Cos Lettuce. Leaves very broad, and rounded in a perfect manner; very regular in character—in fact, every plant may be relied upon to form an enormous heart, perfect in form, as shown in the accompanying engraving. ...6d. and 1 0 2 0		
Paris White —Asperh variety, of immense size and superior quality ...3d. „ 0 6 1 0		
Paris Green —A fine variety, needs no tying 6d. „ 1 0 1 6		
Hicks' Hardy White —A large sort, suitable for sowing in Autumn 6d. „ 1 0 1 6		
Bath Cos, Black Seeded —The best Cos variety for Autumn sowing to stand the Winter 3d. and 0 6 1 0		
Ivery's Nonsuch —Blanches well, and not likely to run to seed; sweet and crisp 3d. and 0 6 1 0		
London White 3d. and 0 6 1 0		
Nuneham Park 3d. 0 6 1 0		

Cannell & Sons' Complete Seed Guide.



PARIS WHITE COS LETTUCE.



BATH COS LETTUCE.

CABBAGE VARIETIES.

Neapolitan—A capital summer Lettuce, habit dwarf, leaves much curled on the edges, head firm, white, large, crisp, and sweet; quite distinct 3d. and 0 6
Cabbage Lettuce, New York.—This variety will be a great favourite when better known. It grows to a large size, some specimens having been grown 18 inches in diameter, and weighing nearly four pounds. It is very close and compact, folds in very nicely, and consequently blanches well, very crisp and sweet, excellent flavour, free from bitterness, and one of its greatest recommendations is the length of time it will stand on the ground without running to seed. The outside colour is quite distinct from any other Lettuce, being a clear deep apple-green, while on the inside the colour is yellowish-white. It is not a forcing variety, but is certainly one of the best varieties for summer use ever introduced. We strongly recommend a trial ... 0 6

Per pkt.
s. d.

Per oz.
s. d.



DRUMHEAD LETTUCE.

Stanstead Park—The largest, hardiest, and best flavoured Cabbage Lettuce, to stand the Winter ... 3d. and 0 6

All the Year Round—Fine white, does not run to seed; a good Winter variety ... 3d. and 0 6

Drumhead, or Malta—A large variety for Summer use ... 0 3

Tom Thumb, or Tennis Ball—Small and very early, forming close and compact heads, stands the winter well, also dry weather ... 3d. and 0 6

0 6 1 0

0 6 1 0

0 3 0 6

0 6 1 0

Early Paris Market—The best forcing Lettuce, turns in very quickly, and forms close, firm hearts, without tying up ... 3d. and 0 6

The Favourite—An excellent variety for autumn use. Leaves light green with a brown blotch, very crisp and sweet, and has been known to stand the driest summer without running to seed when all other varieties were useless 3d. and 0 6

Hardy Hammersmith—Excellent variety for Winter ... 3d. ,, 0 6

Commodore Nutt—Small, compact habit, splendid flavour ... 6d. and 1 0

Grand Admiral ... 3d. ,, 0 6

Victoria, Red Edged ... 3d. ,, 0 6

Lees' Immense Hardy Green ... 3d. ,, 0 6

0 6 1 0

0 6 1 0

0 6 1 0

1 0 1 6

0 6 1 0

0 6 1 0

0 6 1 0



TOM THUMB LETTUCE.

Cannell & Sons' Complete Seed Guide.

MELON (*Cucumis melo*).

CULTURE.—*Similar to that of the Cucumber.*

Per pkt.—s. d.

The Countess—A good constitution, medium size, free setter, distinctly netted. The fruit is yellow in colour, thin in the skin, thick in the flesh, which is nearly white, tender, juicy, and pleasantly flavoured 1 0

Gilbert's Improved Victory of Bath—A splendid green-fleshed variety, free setter 1 0

Blenheim Orange—A first-class scarlet-fleshed Melon of delicious flavour 1 0

Eastnor Castle—Flesh deep green colour, very prolific, rich flavour... .. 1 0

Hero of Lockinge—Handsome fruit, skin rich golden colour, regularly netted with white. Flesh almost white, delicious and melting in flavour; very early, and a popular variety for exhibition ... 1 0

Read's Scarlet Flesh—One of the most exquisite flavoured Melons in cultivation, beautifully netted ... 1 0

Beechwood Green Flesh—An excellent variety ... 1 0

Munro's Little Heath—Easily cultivated, very prolific, and one of the hardiest. The flesh is scarlet 0 6

William Tiliery—An exquisite green-fleshed variety of the richest flavour 1 0

Coiston Bassett 1 0

Dell's Hybrid 1 0

Duke of Edinburgh 1 0

Heckfield Hybrid 1 0

A. F. Barron—Fruit large, and not coarse; delicious flavour 1 0

Queen Anne's Pocket 1 0

Golden Perfection—The best and earliest Melon for frame or pit culture; good flavour ... 1 0

Hero of Bath 1 0

Golden Conqueror—Splendid variety; rich flavour and good cropper 1 0



MELON.

CANNELL & SONS'

PERFECT MUSHROOM SPAWN.

Having every facility, and to be quite sure that nothing but the best shall come from us, we collect samples from all sources where manufactured, immediately test which is the best, and purchase largely; consequently, all our customers succeed, most of them far above their expectations. At this moment we have a large stock, and beyond all question the finest ever offered.

Per brick, 6d.; per peck, 1s. 6d.; per bushel, 5s.

A Practical Treatise on the Cultivation of Mushrooms, by J. Wright, F.R.H.S.,
price 1s., post free 1s. 2d.

Mr. R. GILBERT, The Gardens, Burghley, Stamford, November 12th, 1890.
I like the look of your Mushroom Spawn. Send me two more bushels at once. [From such a practical man as Mr. Gilbert these words speak volumes.]

CULTURE.—Sow every fortnight for succession, in boxes, in heat when too cold out of doors.

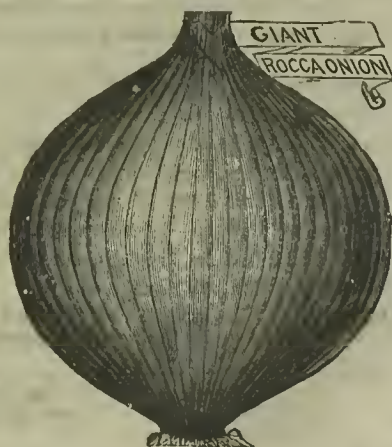
Best White per quart, 1s. ; per pint, 8d.; 0 2
 Cheaper by the peck or bushel.

Chinese—Leaves and stems much larger than the common variety, black seeded 0 3

CULTURE.—The ground should be double dug in October or early in November, great care being taken to intermix a heavy dressing of well-rotted manure, keeping as great a portion of the manure as possible at the bottom of the trench. The ground can then be left in its rough state until early in January, when a good dressing of soot may be spread over the surface, which is not only a preventive for the maggot, but a valuable stimulant for the Onion throughout its different stages of growth. Nothing more should be done until the end of January or early in February, when (weather permitting) the beds should be pointed over, well raked, and made moderately firm, and the seed drilled in rows one foot apart, which leaves ample room for a draw hoe, which cannot well be used too often if care be exercised to avoid any injury to the tops. As soon as the Onions are up and well established they may be thinned out to 9 inches apart, and during an early stage of their growth a liberal top-dressing of spent mushroom bed manure would be beneficial in keeping the ground moist and cool in hot, dry seasons, and saving a considerable labour in watering. For what are termed Tripoli or Winter Onions, sow early in August and transplant the following spring.



JAMES' KEEPING ONION.



Mr. G. LEWIS, Greytree, Ross, Hereford, July 31st, 1890.
 The Onion seeds I had from you were sown in the same bit of ground and time as others I had from a more northern firm. There can be no mistake, in looking at the beds to-day, which has the best crop. From your seeds the onions are a foot round, which proves to me more and more the change of your soil has a marvellous effect in bringing a heavier crop.

Canrell & Sons' Complete Seed Guide.

ONION—Continued.

	Per oz.—s. d.
Improved Wroxton. —A very valuable Onion, and is acknowledged to be the mildest flavoured and best keeper in cultivation. It may be grown to a large size, from 16 to 20 onnees in weight; the skin is of a very delicate light brown straw colour. It is an egg-shaped type, and quite distinct per pkt. 1 0 ...	
Blood Red Giant Zittau. —A fine blood red variety of this useful Onion. It is larger and of a better colour than the old Blood Red... .. 1 0	



BANBURY ONION.



THE QUEEN ONION.

Banbury —This wonderful cropping Onion still retains its high reputation; it is a fine shape, with a bright yellow skin, and a suitable variety for the exhibition table... ..	0 8
Bedfordshire Champion —Globe shaped, skin brown, heavy cropper, and a good keeper	
	Per pkt., 3d. and 6d. 0 10
Danver's Yellow —An excellent large sort, and keeps well (<i>see illustration</i>)... ..	0 8
The Queen —A silver-skinned variety, remarkable for its quickness of growth. If sown in March, will produce full-grown bulbs early in the Summer	0 10
Giant Rocca —The best to sow in Autumn for transplanting in Spring. Grows to an enormous size; mild flavour	0 8
Blood Red —Strong flavoured, keeps well	0 8
Brown Spanish —Large cropper	0 6
James' Long Keeping —Keeps longer than any other sort	0 8
Early Nocera —A very snitable variety for pickling	0 10
Rousham Park Hero —A new and valuable Onion of the White Spanish type	1 4
Red Globe Tripoli —A very remarkable variety, keeps very well	0 6
Flat White Italian Tripoli —For Autumn sowing; mild flavour	0 6
White Spanish, or Port	4d. pkt. 0 8
Giant Zittau Yellow —This is a capital keeping variety, if the bulbs are allowed to remain in the ground until thoroughly matured before being disturbed	0 10

Mr. M. HODGSON, Roskett, Easingwold, *October 3rd, 1890.*

The Onions from your seed were the finest and largest I ever saw, everyone admired them; the Dutch Cabbage grand.

Mr. T. G. MARTIN, North Stoneham Rectory, Southampton, *March 8th, 1890.*

Will you please send me your catalogues, as I wish to induce my employer to get his seeds from you this year?

Mr. C. RIDGEWELL, Cromwell House, Leytonstone, *July 28th, 1890.*

Gentlemen,—I have much pleasure in sending you cheque for amount of seeds, which have given great satisfaction.

Cannell & Sons' Complete Seed Guide.

ONION—Continued.

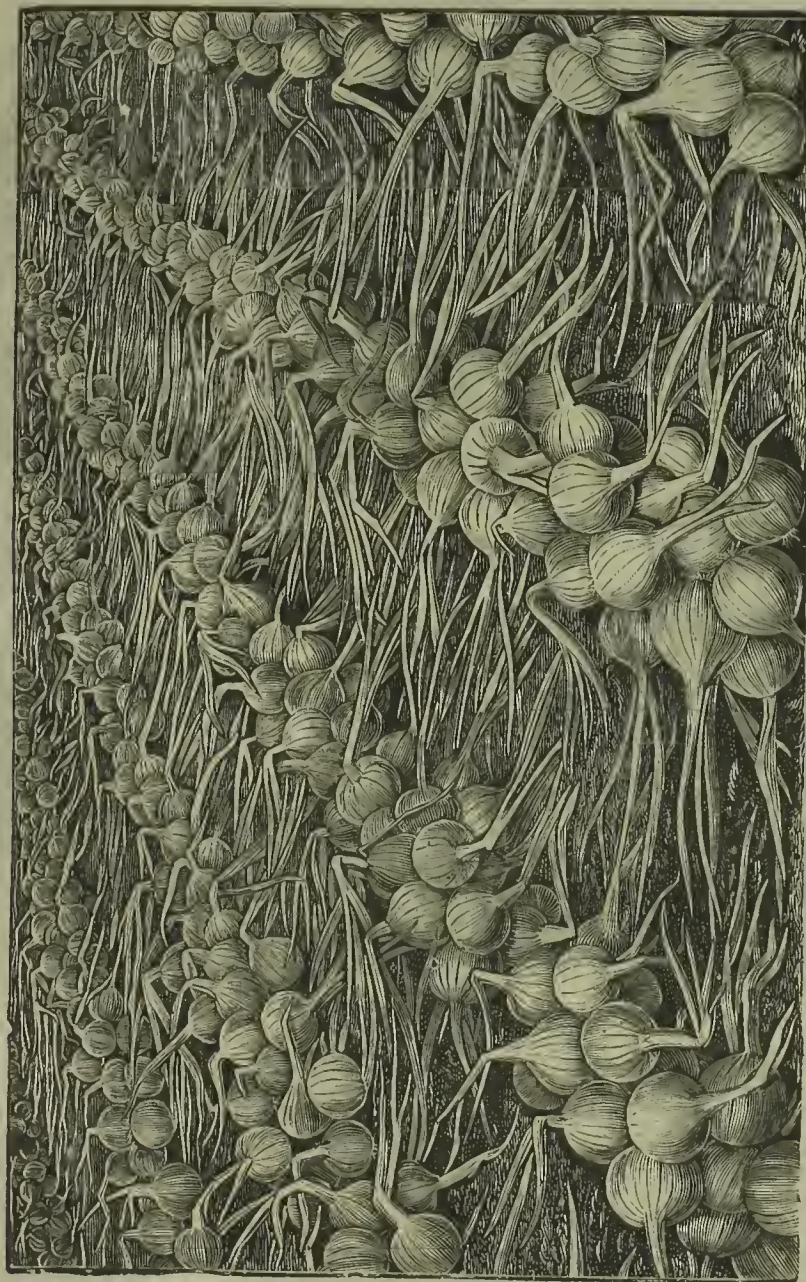


WHITE ITALIAN TRIFOLI ONION.

Per oz.—s. d.

Early Eight Weeks—The quickest growing Onion in cultivation, coming to maturity in about eight weeks. Invaluable where Onions are required early in the summer; very useful for pickling, and of mild flavour													0 8
White Lisbon ... ..	...	...	...	...	...	...	...	...	...	...	...	...	0 6
White Globe ... ..	...	...	...	...	...	...	...	...	...	...	...	...	0 10
Naseby Mammoth ... ..	...	...	...	...	...	...	...	...	...	...	...	...	0 8
Deptford ... ..	...	...	...	...	...	...	...	...	...	...	...	...	0 6
Silver Skin ... ..	...	...	...	...	...	...	...	...	...	...	...	...	0 9
Nuneham Park ... ..	...	...	...	...	...	...	...	...	...	...	...	...	0 9

Cannell & Sons' Complete Seed Guide.



DANVER'S YELLOW ONION.

Cannell & Sons' Complete Seed Guide.

PARSLEY (*Apium petroselinum*).

CULTURE.—Should the weather be dry, sow early in February; if not, defer till middle of March. Sow again in May, and also July, for furnishing plants to stand over Winter. Parsley seed is rather longer than most seeds in germinating, and should be watered in dry weather if necessary. The secret of having it good all the year is to sow in good soil, 16 inches from plant to plant.



CANNELLS' "BEAUTY OF THE PARTERRE."

Very much the best ever seen, adding a beauty to every dining table.

Glanafon Gardens, Taibach, near Port Talbot.

"Sirs,—I have grown Parsley extensively for a great many years, and have tried several varieties, but in my opinion your "Beauty of the Parterre" is the finest in cultivation. I have some roots over two feet in diameter; it is really handsome, and I would recommend it to all.

H. MORRIS.

	Per oz.—s. d.
Cannells' Beauty of the Parterre —Perfectly distinct from all others. The handsomest sort extant, highly decorative in the garden, and as a garnishing plant it is unsurpassed. When once tried no other variety will be grown. The plants should be thinned out to at least 12 inches apart	0 6
Fern Leaf —Invaluable as a garnishing plant and for table decoration; finest in cultivation	0 6
Myatt's Garnishing —A splendid variety; very double	0 4
Moss Curled —A beautiful variety	0 6
Turnip-rooted —Roots used for stewing	0 6
Covent Garden Garnishing —One of the best curled varieties grown	0 6

Mr. G. LONG, Wotton Villa, London Road, Gloucester.
You will no doubt be glad to hear that your seeds have given me great satisfaction.

H. M. DYNOCK, Esq., Oaklands, Bedford, July 7th, 1890.
I am pleased to say that the whole of your seeds have given me great satisfaction.

L. J. ROBERTS, Esq., Belfield, Tenby, June 3rd, 1890.
Your garden seeds were excellent, shall have all from you again next year.

Cannell & Sons' Complete Seed Guide.



PARSNIP (*Pastinaca sativa*).

CULTURE.—Sow about the second week in February, or first in March, or as early as the ground is in a fit state to receive the seed, choosing a light deep-trenched soil if possible; and if required for exhibition, make a hole two feet deep with a crowbar, push this round so that the hole is largest at the top, fill with fine soil, and finish off with dibbing in three seeds. After germinating leave the strongest seedling, assist them when in full growth, make four holes a foot deep in the soil and about five inches away from the plant, which can be occasionally filled up with liquid manure, and with proper care and attention afterwards, clean, well-grown specimens will be the result, that will astonish all beholders.

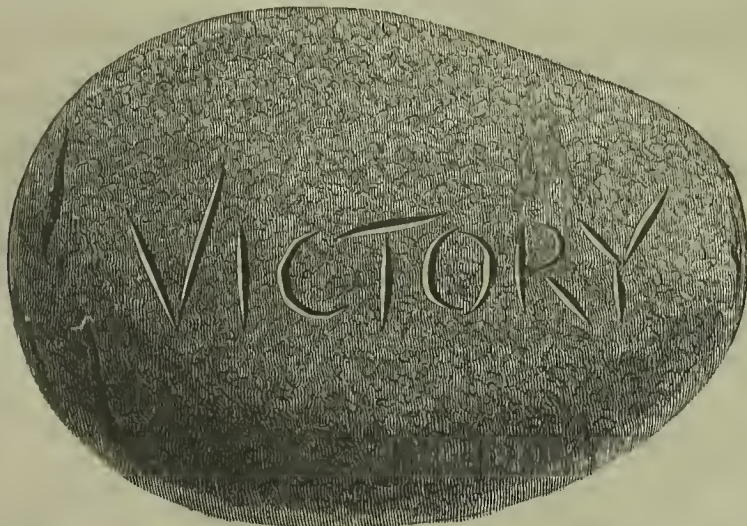
	Per oz.—s. d.
Cannell's Selected Hollow-Crown —A selected stock producing long, clean, and smooth roots, free from side shoots; very tender	0 4
The Student —A first-class variety for the garden	0 6
Jersey Marrow —Extra large	0 4
Elcombe's Improved —Fine flavour	0 4
Turnip-rooted —Recommended for shallow soils	0 6

HOLLOW-CROWN PARSNIP.

SELECT LIST OF SEED POTATOES.

All grown on our own farm at Eynsford, on calcareous ground, therefore a change of soil will be sure to increase the productiveness, and a change of seed has always been found most essential.

It is not generally known that in one end of a potato the eyes are more numerous and stronger than the other; be particular in planting this end uppermost, and not to injure the first shoots. This cleverly carried out, particularly if all other eyes are scooped out, so as to throw all strength into these two or three breaks, the crop would be much more satisfactory.



Under field cultivation this variety has more than maintained its character.

Cannell & Sons' Complete Seed Guide.

POTATOES—Continued.

Per peck of 14 lbs.—s. d.

New Potato, Victory (CANNELL).—In these enlightened times, when we are surrounded on all sides with such lovely kinds, a new one has to be perfect indeed to gain a name and position among connoisseurs, and obtain a first-class certificate, as the one now offered did at the great Vegetable Congress at Chiswick, before nearly all the most distinguished men amongst vegetables in Europe. It was the first out of many selected for the great honour, and was cooked and tested in all practical forms before any award was given. It is beyond all question the variety which possesses more points of excellence than any other kind ever yet sent out. After testing it ourselves, and looking at its beautiful form and appearance, we are sure it will be sought after as the favourite both in the garden and at the exhibition table for a long time to come 4 6

Myatt's Ashleaf—A well-known sort, very prolific and of good flavour; one of the earliest 1 6



Cannells' "Come to Stay."—This potato was introduced by us in the spring of 1888, and from the numerous voluntary reports we have received from all parts of the United Kingdom, it has, without a doubt, given every satisfaction. It is an invaluable variety, and on the table it ranks amongst the very best. See the many testimonials 2 6

White Elephant—One of the best known sorts; still a great favourite, holding its own for a market variety 1 0

Cannell & Sons' Complete Seed Guide.

POTATOES—Continued.

Per peck of 14 lbs.—s. d.

Rivers' Royal Ashleaf—A first-class early kidney variety ... 1 6



BEAUTY OF HEBRON.

Beauty of Hebron—One of the best early sorts, very productive, and a good keeper; skin and flesh pure white; quality good 1 0

Early American Rose ... 1 0

Fidler's Enterprise—A distinct and beautiful coloured kidney, or half-round, fair size, smooth skin, and a heavy cropper... 2 0

Snowdrop—A fine and distinct second early variety; very handsome white kidney, productive, of good quality; a capital exhibition variety; shallow eyes ... 2 0

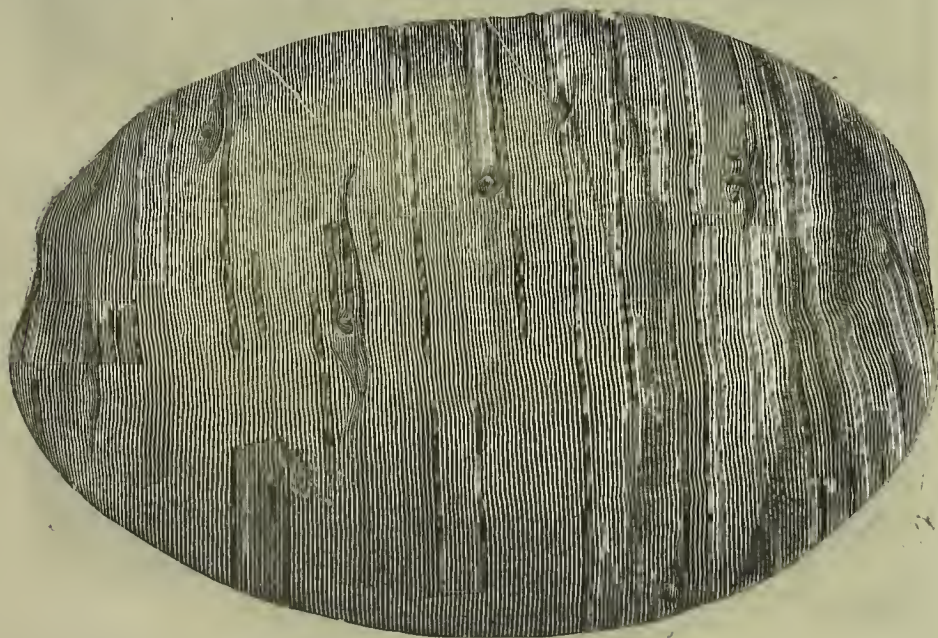
Chancellor—A large, handsome, white late kidney; enormous cropper, and a grand exhibition potato ... 1 6

Magnum Bonum—Too well known to need any description ... 1 0

Lily White—A handsome white kidney, remarkably prolific; fine garden variety, of first-class table quality ... 1 0

Early Vermont—One of the best of the American varieties ... 1 6

Cardinal—A second early, flat, red kidney, distinct, and of splendid quality ... 3 0



EARLY PURITAN.

Early Puritan.—The earliest pure, white-skinned Kidney Potato in cultivation. Like most of the American kinds, when first introduced the Early Puritan is a prodigious cropper; but it is unlike most of the other varieties from that country, in that we shall not be obliged to grow it several seasons before it loses its waxy nature and becomes fit for table use, as its cooking qualities are at present almost equal to a good many of our first-class table varieties. Its disease-resisting powers are of great extent, which should be a recommendation to all growers ... 3 0

Cannell & Sons' Complete Seed Guide.

POTATOES—Continued.

Per peck of 14 lbs.—s. d.

Wormleighton Seedling—Very suitable for exhibition; first-rate keeper ...	...	1	0
International Kidney—This is another handsome show variety; heavy cropper ..	...	2	6
Snowflake—Excellent variety of splendid cooking qualities ...	...	2	0
Superior.—Introduced by the raiser of those well-known varieties Beauty of Hebron, White Elephant, Early Puritan, &c. The tubers are very compact in form, usually covered with a fine netting, which always denotes a good cooking quality. Both skin and flesh are white, and the eyes lie very even with the surface; they cook easily and quickly all through, having no hard or grainy core. Habit very vigorous, which enables it to withstand disease to a remarkable degree. It is a medium late variety, and pronounced to be the most profitable for a main crop ...	...	3	0
Porter's Excelsior—A distinct early variety of excellent flavour; valuable for exhibition	...	2	6
Bedfont Rose—A very fine late-keeping sort; skin pale red, with deeper coloured eyes; heavy cropper ...	...	3	0
Chairman—A late white round, very handsome; excellent table quality ...	...	2	0
Prime Minister—Splendid late variety; large, handsome, flat, white, round, heavy cropper, of fine flavour ...	...	1	6
Reading Russett—One of the handsomest red round varieties in cultivation, flattish; good cropper of the highest quality ...	...	2	6
Vicar of Laleham—A fine variety for the main crop ...	...	2	6
Radstock Beauty—Robust grower; heavy cropper ...	...	2	0
Scotch Champion—For field culture, one of the best ...	...	1	0
Schoolmaster—For the select table, one of the very best ...	...	1	6
Reading Hero—Heavy cropper; free from disease ...	...	2	0
Snowball—A first early variety, very dwarf top, tubers very handsome, and of first-rate quality ...	...	3	0
London Hero—Second early, very even, large cropper; a beautiful show variety ...	...	3	0
The Dean—Tubers round and of a deep violet colour, flesh yellowish white, of the finest quality; a superb show kind ...	...	2	6
Paterson's Victoria—A favourite for winter use ...	...	1	6
Rector of Woodstock—Cooks very mealy; white skin and white flesh ...	...	2	6



PRIZETAKER POTATO.

Prizetaker—A good cropper, of excellent quality; skin pale pink ... 2 6

Cannell & Sons' Complete Seed Guide.

POTATOES—Continued.

Per peck of 14 lbs.—s. d.

Osborn's Pride—Heavy cropper; white skin and flesh	2	6
Peachblow—A first-rate variety	2	0
Welford Park	1	6
Birbeck	1	6
Future Fame—A seedling of the Magnum Bonum type; a little earlier than that variety. and a great disease resister. It cooks white, dry, and mealy	2	0
Cetewayo—Purely a curiosity, skin and flesh dark purplish black	2	0
White Rose—A cross between Ashleaf and Early Rose	2	6
Double Gloucester	3	0
M.P.—Good white round variety, crops well	2	6
Duke of Albany—White kidney, cross between Beauty of Hebron and Early Goodrich; as early as Myatt's Ashleaf; equal in size and cropping qualities as Magaun Bonum; fine flavour, quality good; excellent keeper and cooker	2	0
Red Elephant, Improved—Similar in constitution, shape, and habit as the popular White Elephant, and like that variety a heavy cropper; does well in sandy soil	3	0
The Daniels—A cross between Magnum Bonum and White Elephant, combining qualities of the both; in shape, size, productiveness, and cooking qualities it is very much like the White Elephant; skin pure white	2	6
Victor—This is undoubtedly one of the earliest in cultivation; very suitable for early crops, both in private and market gardens; also for forcing. It is a flattened roundish oval in shape, eyes extremely shallow, clear skin, and a heavy cropper; superior in flavour, and dry and mealy when cooked	4	0
Edgecote Purple—Purple kidney tubers, smooth, flat, and straight, handsome in appearance, and a good cropper	2	0
Standwell	2	0

RADISH (Raphanus sativus).



OLIVE-SHAPED WHITE RADISH.

CULTURE.—To have early, sow in frames near the glass in January; in the open ground in February, and every fortnight till August. To obtain crisp, sweet-eating Radishes they must be grown quickly.

Per oz.—s. d.

Wood's Early Frame—Very early; fine flavour... ..	per qt. 2s., per pt. 1s. 2d.	0	3
Olive-shaped Scarlet—Quick growing, mild, and sweet	per qt. 2s., per pt. 1s. 2d.	0	4
China Rose—Sow in August for Winter use	per qt. 2s., per pt. 1s. 2d.	0	6
Olive-shaped Violet, White Tipped—Colour, rich violet tipped with white, exceedingly crisp and sweet	per pt. 2s.	0	4
French Breakfast—The best for early forcing, very much liked in Paris. It is of an oval form, scarlet colour tipped with white	per pint, 2s.	0	4
Scarlet Short-top—Suitable for sowing outdoors	per qt., 2s. 0d.; „ 1s. 2d.	0	3
Black Spanish—Large round; sow in Autumn	per qt., 2s. 0d.; „ 1s. 2d.	0	6
Raphanus Caudatus; or, Rat-tailed Radish—The seed pods are eaten only of this variety; they are often an immense length, and are excellent in pickles	per packet, 6d.		
Olive-shaped White—Similar to the scarlet except in colour	per qt., 2s. 0d.; per pint, 1s. 2d.	0	4
Red Turnip	per qt., 2s. 0d.; per pint, 1s. 2d.	0	2
White Turnip	per qt., 2s. 0d.; per pint, 1s. 2d.	0	2
Mixed Turnip	per qt., 2s. 0d.; per pint, 1s. 2d.	0	2

Cannell & Sons' Complete Seed Guide.



FRENCH BREAKFAST RADISH.



WOOD'S FRAME RADISH.



RED TURNIP RADISH.

RAMPION.

CULTURE.—Rampion is a vegetable which may be used cooked or as a salad, but it is not nearly so much grown as it should be, especially when considered what a good substitute it is for Radishes during the early Autumn months, and when owing to heat and drought the latter are sometimes difficult to obtain in a tender condition. Sow seed on a light porous soil in drills not less than six inches apart, and having covered them with about a quarter of an inch of soil, well tread the bed over and rake down smoothly. When the seedlings are well through the ground, thin them out to not less than four inches apart. After about three weeks give the bed a thorough soaking with water, and the crop will be assured unless the weather prove dry for a very long period, when duplicate waterings will be of great benefit. To secure a continued supply it is well to make several sowings, one early in the month of April, one about the third week in May, and a third and last about the same time in June.

3d. and 6d. per packet.

RHUBARB (Seed) (*Rheum hybridum*).

CULTURE.—Sow in drills in April about one inch deep, thin out to six inches apart, and transplant in Autumn into a bed well manured three feet apart each way. Seed sown in this way will produce good roots the second year.

Per packet—s. d.

Finest Mixed Varieties

SALSIFY (*Tragopogon porrifolius*).



SALSIFY.

CULTURE.—Although Salsify is not usually cultivated in small gardens, there is no reason why it should not be, as the roots form a valuable addition to the somewhat limited list of winter vegetables. They are easily cooked, merely require scraping, steeping in vinegar and water, then boiled until tender, after which they may be served up with white sauce. The culture is quite as simple. Choose a piece of ground that has been well dug and manured previously, the surface also should be well pulverised. Sow the seed first week in April, in drills 15 inches apart and about 2 inches deep. As soon as the plants are large enough to handle, thin out to about 9 inches apart. Beyond this, except keeping clean from weeds, this is all the treatment required until growth is completed in Autumn, when the roots may be lifted and stored in sand, or allowed to remain in the ground until required for use.

Per oz.—s. d.

Best Quality 0 8



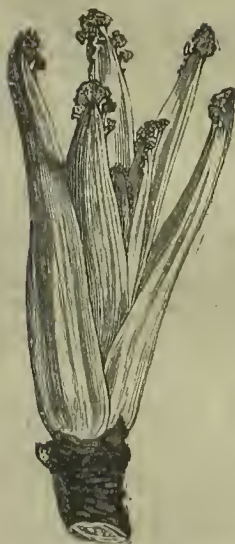
SCORZONERA.

SCORZONERA

(Scorzonera hispanica).

CULTURE.—Same as for Salsafy.

10d. per oz.



SEA KALE.

SEA KALE (SEED)

(Crambe maritima).

CULTURE.—Sow in March or April in rows, about 15 inches apart, and keep the plants clear of weeds. Transplant to good, well trenched, rich ground in clumps of about 4 x 5, and between each lot so planted leave a space of about 3 feet, so that any one can move between them during the growing season.

6d. per oz.

For Plants, see page

SPINACH (Spinacia oleracea)

CULTURE.—Should the weather be favourable, a small sowing of the round variety may be made in January, another in February, and a larger one in March. Successive sowings may then be made every three weeks till the beginning of May, and afterwards weekly to the end of July. For Winter use, sow the prickly variety weekly during the first three weeks in August. The "New Zealand" should be sown in heat, and transplanted, and be protected till the beginning of June, when it may be planted out without shelter.

	Per qt.	Per pt.	Per oz.
	s. d.	s. d.	s. d.
Monstrous Viroflay—An extra large round-leaved variety, with leaves much longer, larger, and thicker than the ordinary variety ...	1 9	1 0	0 3

Cannell & Sons' Complete Seed Guide.

TURNIP—Continued.



EARLY PURPLE-TOP MUNICH TURNIP.



YELLOW FINLAND
TURNIP.



AMERICAN RED STONE TURNIP.

Per oz.—s. d.

White Dutch per pint 1s. 9d. 0 3

Yellow Finland—A splendid variety, which can be sown either in Spring or Autumn; bulbs very even and regular in form, somewhat hollowed at the base, with a very small top root; smooth skin of a pale orange-yellow colour, the upper part a pale green, yellow flesh, solid and excellent 0 4

Turnip, Model White.—This variety is remarkable for its form, earliness, and quality, and it cannot be too strongly recommended to exhibitors. The *Gardeners' Chronicle* says:—"Model White Turnip is the greatest advance in white varieties that we have seen." Awarded Certificate at the Royal Horticultural Society's Vegetable Conference. Per pkt., 6d. and 1s.

Turnip, Selected Golden Ball.—This was certificated by the Royal Horticultural Society as the best type of yellow garden Turnip. The flavour is excellent, and it stands the winter almost as well as a Swede. It has been awarded numerous prizes, including the first position at the great International Horticultural Exhibitions of Dundee and Manchester. Per pkt., 6d. and 1s.

TOMATO (*Lycopersicum esculentum*).

During the summer our 100-foot house of these, grown specially for trial and seed. None can be better than those now offered.

CULTURE.—Sow in February or March in heat, pot and gradually harden off, so that they may be ready to plant out the latter part of May to a sheltered location.

	Per pkt.—s. d.
Hathaway's Excelsior —A very handsome variety; fruit large, round, and quite smooth	6d. and 1 0
Early Dwarf Red —A quick grower, one of the best for general cultivation	6d. and 1 0
Vick's Criterion —Medium-sized fruit, resembling a plum in shape	6d. and 1 0
Conqueror —An early and free setter and a great cropper, whether under glass or outdoors	6d. and 1 0

Cannell & Sons' Complete Seed Guide.

TOMATO—*Continue.l.*

	Per pkt.—s. d.
Red Currant, or Cluster—Highly ornamental and interesting, producing an abundance of small fruit in clusters similar to Red Currants, but larger	6d. and 1 0
Greengage—Beautifully bright yellow fruit of agreeable flavour	6d. and 1 0
President Garfield—Enormous size, and ripens evenly; delicious flavour	6d. and 1 0
Large Red	3d. and 0 6
Dedham Favourite	6d. and 1 0
Stamfordian	6d. and 1 0
Hackwood Park	6d. and 1 0
No Plus Ultra	6d. and 1 0



Horsford's Prelude—A cross between Little Gem and Aeme, wonderfully prolific, bearing large clusters. The fruit is almost round, perfectly smooth, and of a bright crimson red; invaluable for early forcing, and does well in the open air. The best for general purposes.

Per pkt., 6d. and 1s.

TOMATO—HORSFORD'S PRELUDE.

Cannell & Sons' Complete Seed Guide.

TOMATO—Continued.

Per pkt.—s. d.

- Laxton's Open Air**—Has much to recommend it; exquisite flavour; first-rate variety for growing outdoors; a remarkably free setter of good size and prolific, fruiting within several inches from the ground, and continuing up the plant for several consecutive joints 6d. and 1 0
- Early Ruby**—A capital smooth round variety; good cropper, flavour excellent 6d. and 1 0
- Tomato, Goldfinder.**—This is pronounced to be the largest smooth Red Tomato yet seen. It is of beautiful form, brilliant scarlet colour, and exquisite flavour. The flesh is solid, and contains very few seeds. It is specially remarkable for its profuse and continuous bearing per pkt. 1 0
- Surpasse (Gilbert)**—Fruit very solid, almost free from ribs, large, sweet, and juicy; a capital variety for both indoor and outdoor growing 1 0
- Conference**—Medium-sized fruit, perfect in form, rich in colour, and produced in wonderful freedom, not only under glass but outdoors 1 0



LIVINGSTONE'S PERFECTION.

Livingstone's Perfection—One of the first to ripen, perfectly smooth, very productive, and ripens evenly 6d. and 1 0

Capt. W. H. R. SANDERS, Llanishen, near Cardiff, *September 22nd, 1890.*
Everything has turned out splendidly, and my garden has been a grand success, thanks to your seeds.

Mr. T. HARRIS, Mill House, Tollesbury, Kelvedon, Essex, *February 28th, 1890.*
I am very pleased we had our seeds from you this season.

Cannell & Sons' Complete Seed Guide.

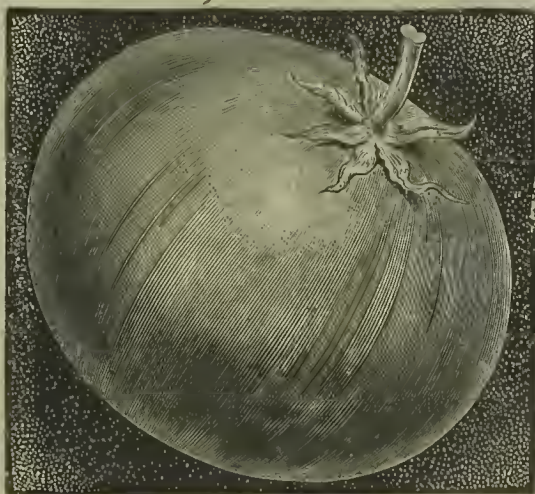
TOMATO—Continued.



TROPHY.

Per pkt.—s. d.

The Trophy—This ranks amongst the earliest, and is, without doubt, the largest, most fleshy, and best flavoured of all when well grown 6d. and 1 0



YELLOW TROPHY.

Yellow Trophy—Identical in shape and size of the well-known Trophy, but in colour a beautiful yellow 1 0

Cannell & Sons' Complete Seed Guide.

TOMATO—Continued.



MIKADO.

Mikado—An American variety, grows to a very large size, one of the best ...

Per pkt.—s. d.
6d. and 1 0



LIVINGSTONE'S FAVOURITE.

Livingstone's Favourite—Is one of the best, largest, and most perfect-shaped varieties in cultivation; ripens evenly and early, and holds its size to the end of the season 6d. and 1 0

Cannell & Sons' Complete Seed Guide.

VEGETABLE MARROW (*Cucurbita ovifera*).

CULTURE.—The seed may be sown in a slight heat, the end of March, and shifted from the pots about the middle of May, when, select an open piece of ground and throw out holes from two to three feet square, and one foot deep, which should be at least 12 feet apart, the soil thrown out being used to raise the sides. A layer of dry leaves or litter should be spread over the bottom, and afterwards a sufficient quantity of ordinary good soil, wherein a small portion of leaf soil and spent manure has been mixed, to refill it. The plants being hardened off, should receive at the time of planting a good watering, and be shaded and protected as long as necessary. Planted in this manner they make firmer and shorter jointed growth, are more prolific, less water required, and are not so liable to go off when in full bearing, as often happens under a more forcing treatment. They can also be grown with success outdoors by putting in a few seeds the first week in May, where they are to remain.

Hibberd's Early Prolific—A heavy cropping kind, setting its fruit quicker Per pkt.—s. d.
than some varieties 0 6



LARGE WHITE VEGETABLE MARROW.

Large White—Large size, handsome shape, splendid flavour 0 6



CUSTARD MARROW.

Improved Custard—A very ornamental as well as a useful variety 0 6

Pen-y-byd—A new and distinct variety of great merit; fruit almost globular in shape; colour delicate creamy white; firm flesh, of fine quality and delicate flavour s. d. s. d.
0 6 and 1 0

Moore's Cream 0 3 ,, 0 6

Large Green 0 3 ,, 0 6

Green Bush, or Cluster 0 3 ,, 0 6

Green Striped 0 3 ,, 0 6

Mixed Varieties 0 2 ,, 0 3

Cannell & Sons' Complete Seed Guide.

CANNELL'S TRANSPLANTED VEGETABLE PLANTS.

Plants of the following Vegetables supplied and sent by Parcel Post, at the periods stated below:—

	Per 100—	s.	d.	s.	d.	
Borecole, or Kale—From April to August	1	6	2	6	according to size.
Broccoli—From May to August	1	6	2	6	„ „
Brussels Sprouts—From May to July	1	0	2	6	„ „
Cabbage—From August to April	1	0	2	6	„ „
Cabbage, Savoy—From May to September	1	0	2	6	„ „
Colewerts—From June to August	1	0	2	0	„ „
Cauliflower—From March to August	1	6	2	6	„ „
Celery—From May to August	1	0	4	0	„ „
Leek—During May and June...	1	0	4	0	„ „
Lettuce—Nearly all the year round	1	0	2	6	„ „
Onions, Autumn sown—During February and March	1	0	2	0	„ „
Chou de Burghley—May to August	2	0	4	0	„ „
Tomatoes—February to Juno	1	6		per doz.

LAWN GRASS.

Mixtures of the finest and dwarfest of grasses only; and will produce a splendid thick turf in a very short time.

1 quart will sow 300 square feet; 1 peck will sow 2,400 square feet; 1 bushel, 10,000 square feet; 4 bushels, 1 acre.

20/- per bushel; 5/6 per peck; 1/- per lb. Extra fine mixture, 24/- per bushel; 6/6 per peck; 1/3 per lb.

Clover, White Dutch, for Lawns, 1/6 per lb.

TOBACCO.

VIRGINIAN SEED LEAF ...	...	3d. and 6d. per packet.
KENTUCKY ...	...	3d. „
CONNECTICUT SEED LEAF ...	...	3d. „
HAVANNAH ...	...	3d. „
MARYLAND ...	...	3d. „

CULINARY PLANTS, ROOTS, &c.

ASPARAGUS PLANTS.

		s.	d.
Connover's Colossal—1 year ...	...	per 100—	3 6
„ „ 2 „ ...	...	„	4 0
„ „ 3 „ ...	...	„	7 0
Giant or Battersea—1 „ ...	...	„	2 6
„ „ 2 „ ...	...	„	4 0
„ „ 3 „ ...	...	„	6 6

Cannell & Sons' Complete Seed Guide.

SEA KALE PLANTS.

Strong Plants ...	...	...	...	...	...	...	...	...	...	s. d.
Extra Selected	...	...	...	...	...	...	...	...	...	per doz.—1 0
										2 0

ARTICHOKE ROOTS AND PLANTS.

Globe Artichokes (Plants) ...	...	...	...	...	...	...	...	...	per doz.—6 0
Jerusalem Artichokes (Tubers)...	...	...	...	...	...	...	...	...	per peck—2 0

RHUBARB ROOTS.

	Per doz.—s. d.		
Mitchell's Royal Albert	... 7 6	Dancer's Early Scarlet	per doz.—7 0
Johnston's St. Martin	... 7 0	Mixed Varieties	... 6 6
Myatt's Victoria	... 7 0	Extra large, for forcing	... 14 0

POTATO ; OR, UNDERGROUND ONIONS.

6d. per lb.

GARLIC.

1s. per lb.

SHALLOTS.

1s. per lb.

HORSE-RADISH SETS.

Good Plants	...	...	...	...	...	...	per doz.—1 6
Extra Selected	...	...	...	...	...	...	2 0



STACHY'S TUBERIFERA.

Stachy's Tuberifera.—Quite a novelty, and should be tried by every one. The plant is more profitable than French Beans, and during the autumn and winter season the tubers are welcomed as a variety in vegetables. As a salad it is quite equal to Radishes, being brought to the table in the same way. It is as hardy as Knot Grass, not affected by frost in the least. The tubers should be lifted in November and stored in dryish earth or sand, not in damp material, as with the latter the growth is apt to recommence. It may not be necessary even to replant the ground, as the small tubers left in the soil are sufficient to stock it. Merely give a dressing of manure, fork over the ground, and a heavy crop will follow ... tubers, per 100 1 6

All raisers of New and Improved Vegetables are respectfully asked to send us good samples of the same, with the view of purchasing the entire stock.

Canneil & Sons' Complete Seed Guide.

A SELECT LIST OF FRUIT TREES.

APPLES.

Standards, 2s. 6d.; Dwarf Bush, 2s. 6d.; Dwarf Trained, 3s. 6d. and 5s.;
Pyramidal, 2s. 6d. and 3s. 6d.

DESSERT.

Adams' Pearmain
Baumann's Red Winter Reinette
Braddick's Nonpareil
Casterion
Claygate Pearmain
Cockle Pippin
Court Pendu Plat
— of Wick
Cox's Orange Pippin
Devonshire Quarrenden
Dr. T. Fish Lyn Darners King
Duke of Devonshire
Dutch Mignonne

Early Hunt
Fairy
Fearn's Pippin
Gascoigne Scarlet
Hambledon Deux Ans—
K and T
Irish Peach
King of Pippins
Kerry Pippin
Littlebourne
Marnington Pearmain
Mr. Gladstone
New Hawthorndean

Red Juneating or Margaret
— Astrachan
Royal Somerset
Ribston Pippin
Scarlet Nonpareil
— Pearmain—T
Sturmer Pippin
Worcester Pearmain
Winter Majetin
— Queening
Wyken Pippin
Yellow Ingestrie

KITCHEN.

Alfriston
Annie Elizabeth
Beauty of Kent
Bedfordshire Foundling
Blenheim Orange
Bramley's Seedling
Brownlet's Russet
Cellini
Duchess of Oldenburg
Dunmelow's Seedling, or Wel-
lington

Early Julien
Ecklinville Seedling
Grenadier
Golden Noble
Keswick Codlin
Loddington Seedling
Lord Derby
— Suffield
Mère de Ménage
New, or Winter Hawthorn-
den

Newtown Pippin
Norfolk Beefing
Peasgood's Nonsuch
Reinette du Canada
Striped Beefing
Small's Admirable
Stirling Castle
Tower of Glamis
Warner's King
Wellington

PEARS.

Standards, 2s. 6d. to 3s. 6d.; Pyramidal, 3s. 6d.; Dwarf Bush, 2s. 6d.

Beurre d'Amanlis
— d'Arenberg
— Rance
— Diel
— Rose
— de Capiamont
British Queen
Brockworth Park
Conseiller de la Cour

Catillac
Doyenne du Comice
— d'Été
Duchess d'Angoulême
Durandean, or de Tongres
Easter Beurre
Glont Moreceau
Jargonelle
Josephine de Malines

Knight's Monarch
Louise Bonne of Jersey
Madame Treyve
Marie Louise
Pitmaston Duchess
Williams' Bon Chretien
Winter Nelis
Verulam, or Spring Beurre

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PLUMS.

Pyramidals, 2s. 6d. & 3s. 6d. ; Standards, 2s. 6d. & 3s. 6d. ; Dwarf Bush, 2s. 6d.

Belgian Purple
Coe's Golden Drop
Cox's Emperor, or Denbigh
Denniston's Superb
Diamond
Early Transparent Gage
— Prolific, or Early Rivers

Early Orleans
Gisborne's
Green Gage
Jefferson
Kirke's
Late Rivers
Oullin's Golden Gage

Prince Englebert
— of Wales
Pond's Seedling
Reine Claude de Bayay
White Magnum Bonum, or
Egg Plum
Victoria

DAMSONS.

Cluster, Farleigh Prolific, or Crittenden | Prune, or Shropshire Damson, or Damascenc.
"Kent Cluster." The noted cluster, prolific Damson ; price on application.

CHERRIES.

Pyramidals and Standards, 2s. 6d. and 3s. 6d. ; Dwarf trained, 5s.

Belle d'Orleans
garreau
— Napoleon

Black Eagle
Early Rivers
Elton
Florence

Frogmore, Early Bigarreau,
May Duke
Morello

PEACHES.

Standard trained, 10s. 6d. and 15s. ; Dwarf trained, 5s.

Alexander
— Noblesse
Barrington
Early York (Rivers)

Gross Mignonne
Hale's Early
Noblesse
Princess of Wales

Royal George
Stirling Castle
Waterloo
Walburton Admirable

NECTARINES.

Standard trained, 10s. 6d. and 15s. ; Dwarf trained, 5s.

Advancee
Elrège

Lord Napier
Pineapple

Pitmaston Orange
Victoria

APRICOTS.

Standard trained, 7s. 6d. to 10s. ; Dwarf trained, 5s. to 7s. 6d.

Early Moorpark
Kaisha

Large Early
Moorpark

Peach Apricots
Shipley's, or Blenheim

FIGS.

Young Plants, in pots, 2s. 6d. and 3s. 6d. each ; bearing Plants, in pots,
5s. and 7s. 6d.

Black Ischia
Brown Turkey

Brunswick
Early Violet

Negro Largo
White Marseilles

Canell & Sons' Complete Seed Guide.

GOOSEBERRIES.

NEW FIRST EARLY—MARKET GOOSEBERRY—

Berry's Early Kent, 6s. and 9s. per doz.; 50s. per 100.

Price, small trees, 5s. per dozen; selected bushes, 9s. per dozen.

GREEN—

Admiration
Glenton Green
Green Gaseoigne
—— Walnut
—— Overall
—— Mountain
Pitmaston Green Gage
Ocean
Plunder
Profit
Philip the First
Stockwell
Thumper

RED—

Bobby
Clayton
Companion
Crown Bob
Dan's Mistake
Duke of Sutherland
Keen's Seedling
London

RED—

Lord Derby
Monarch
Prince Regent
Red Champagne
Rigby's Honeymoon
Roaring Lion
Speedwell
Warrington
Whinham's Industry
Yorkshire Lad

WHITE—

Antagonist
Alma
Bright Venus
Careless
Cheshire Lass
Freedom
King of Trumps
Lady Leicester
Lancet
Postman
Queen Anne

WHITE—

Snowdrift
Snowdrop
Tally Ho
Transparent
White Champagne
Whitesmith

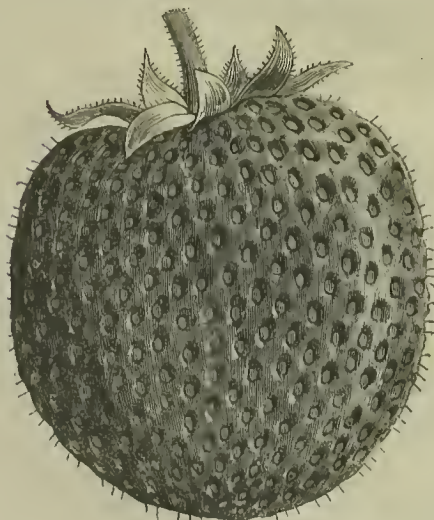
YELLOW—

Briton
Broom Girl
Bunker's Hill
Catherina
Criterion
Drill
Duckwing
Early Sulphur
High Sheriff
Leader
Leveller
Ringer
Trumpeter
Yellow Champagne

STRAWBERRIES.

We respectfully solicit orders for ours, the finest plants and most complete collection in England. Swanley is acknowledged to be the largest and best Strawberry-growing district in the world.

LAXTON'S "COMPETITOR" (New Strawberry, 1890).



A very large, handsome, and luscious early fruit as large as but more conical and somewhat flatter in shape than Laxton's *Noble*. Flesh, orange scarlet, firm and quite distinct in flavour, which is very rich for an early Strawberry, the external colour bright carmine scarlet. Ripens with *Noble*. A Seedling raised by crossing the large, hardy, and vigorous American Strawberry, *Kerr's Prolific*, with the pollen of *Forman's Excelsior* (one of the parents of *Noble*). Plant hardy, vigorous, and very prolific, producing its large and handsome fruits of even size with few small, a good doer in every respect, and a splendid Strawberry for all purposes. In colour, appearance, and quality it is many points in advance and a worthy competitor of *Noble*.

Price £2 10s. per 100; 10s. per doz.

In small pots, half-price extra.

Cannell & Sons' Complete Seed Guide.

The four accompanying illustrations represent, as plainly as a finger-post, why and how plants grow, do well, and *vice versa*.



No. 1 is just alive, as it were. No. 2 roots are screwed up badly; plant cannot do well. No. 3 is nearly starved, and the life blown out of it in windy weather. No. 4, being properly and naturally planted in the right way and time, clearly illustrates its far on growing the others, or, in other words, showing right and wrong planting. Strawberries planted in August will bear fine large fruit the following year. Money will be coming in, all things made sunny, and the garden going on merrily. The great and most essential thing is to well trench and manure the soil. In doing this, pray never bring the bottom dead soil on the top; let it be so done that the manure is well mingled, put the soil in the same position as before. Soil cannot be too well pulverised. As an instance—in the Swanley district the ground for potatoes is ploughed five times, with the result that we have the best quality of this vegetable in the world. The ploughboy says, "Potatoes must have plenty of crumb." The same remark applies to strawberries. After well preparing the soil, level and roll or tread it, and the planting done with a small spade; make sure that the roots of the plants inserted are well spread out; press the soil down firmly with the foot until the crown is just above the soil. (See No. 4.) This pressing down should be repeated fortnightly, until the plants are well established. Let there be 2 ft. 6 in. distance between each row, and 2 ft. from plant to plant. Many of our best growers in Kent will have them 3 ft. apart always, and say, "We must have fine fruit, small fruit does not pay for picking and packing." To see what is wanted, and what to avoid, just adopt the above instructions, and apply the same to all gardening operations, and the garden will be a success and pleasure. Give way to leisure and it will revert to a wilderness. If you want to succeed, let all your garden operations be guided by calmness and reason; be collected in every thing you undertake, and do all you can to assist and coax nature; dive deeply into the cause and effect, and remedy, and one can hardly take the wrong path.

☞ Strawberries, like Potatoes, are always more fruitful when given a change of soil, consequently success much depends on having runners from a distance.

Our being located in the midst of hundreds of acres of all the best Strawberries and Raspberries enables us to offer fine plants, and good sure-cropping kinds, at the lowest prices.

NEW STRAWBERRIES, 1888-9.

Commander (Laxton)—The most distinct Strawberry yet introduced; flavour superior to *British Queen*; fruit large, bright scarlet, the flavour very rich, the plant vigorous.

Price—Strong Runners, 16s. per 100; 3s. per doz. Runners in 60's or thumbs, £3 3s. per 100; 12s. per doz. Not less than 50 supplied at the 100 price.

Latest of all—Price 30s. per 100; 6s. per doz. Runners in small pots half-price extra.

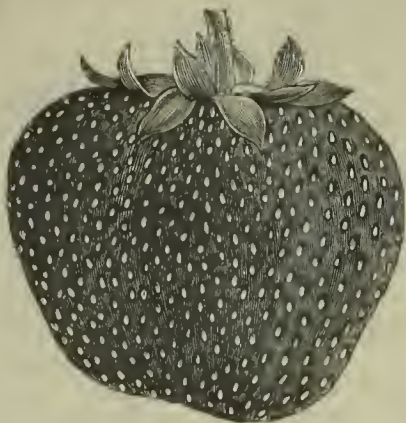
AUGUSTE NICAISE—Fruit of this variety has been shown repeatedly in such fine condition during the spring that the Fruit Committee awarded it Certificates of Merit, and can therefore be relied on as a first-class kind; for poor soil it is beyond all question one of the very best varieties for out-door culture. Fruit large and round, of a light crimson colour. *British Queen* flavour. Runners, 10s. 100; in small pots, 25s. 100.

BIDWELL—This variety has gained favour, ever since it was introduced this year, more than ever; shown wonderfully well at York. Splendid kind, and being a strong grower is admirably adapted for poor soil. Awarded First-Class Certificate by the Royal Horticultural Society. 7s. 6d., 25s.

CHELE ORANGE—Runners, 10s. 100.

COMTESSE DE FRETIAKOFF (Alpine)—Runners, 7s. 6d. 100.

Cannell & Sons' Complete Seed Guide.

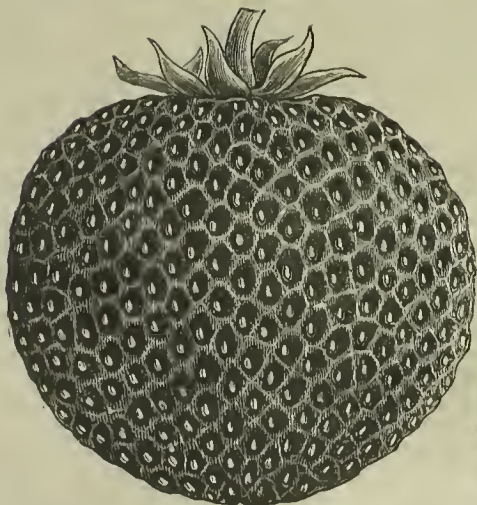


A. F. Barron (Laxton).—First-Class Certificate from the Royal Horticultural Society after trial at Chiswick. Large and handsome mid-season Strawberry of the first quality; fruit bright and glossy, rich scarlet colour, and size equal to *Sir Joseph Paxton*.

Price, Strong Runners 16s. per 100; 3s. per doz.

Runners in small pots, half-price extra.

Not less than 50 supplied at the 100 price.



NOBLE (From Photographs).

CRIMSON CLUSTER (American Variety)—Very large, crimson fruit; fine quality and free. Runners, 10s. 100; in small pots, 25s.

CURIOSITY.

JEWELL (American New Variety)—Pale pink fruit; enormously productive. Runners, 10s. 100; in small pots, 25s.

JOHN RUSKIN—The earliest strawberry in commerce; mid. size and very fine flavour; capital colour. 9s. per dozen. Runners, 50s. per 100.

KEEN'S PROLIFIC—Runners, 16s. per 100.

LA MONSTROUS—A very fine large new variety. Runners, 5s. per 100.

LENNING'S WHITE. Runners, 10s. per 100.

MANCHESTER. Runners, 10s. per 100.

ROI HENRI. Runners, 10s. per 100.

TRIOMPHE DE GAND. Runners, 10s. per 100.

WHITE PINEAPPLE. Runners, 10s. per 100.

Cannell & Sons' Complete Seed Guide.

WARRANTED TRUE TO NAME.	Prepared Runners per 100.	In small pots per 100.	In 5-inch pots for forcing per 100.
	<i>s. d.</i>	<i>s. d.</i>	<i>s. d.</i>
BICTON PINE, white	5 0	—	—
BLACK PRINCE, very early	5 0	15 0	—
BRITISH QUEEN, best flavour	5 0	15 0	—
CAPTAIN, very early	6 0	—	—
COUNTS, very distinct, one of the best	4 0	—	—
DR. HOGG, beautiful flavour	5 0	15 0	—
DUC DE MAGENTA	4 0	—	—
ELEANOR, finest fruit; early	4 0	12 0	—
ELIZA	5 0	—	—
ELTON PINE, one of the best latest	4 0	15 0	—
EMPRESS EUGENIE	5 0	15 0	—
FROGMORE LATE PINE	5 0	—	—
GROVE END SCARLET	6 0	—	—
HOLLAND'S GLORY	3 0	—	—
JAMES VEITCH, the largest fruit in cultivation	5 0	15 0	—
JUBILEE	6 0	20 0	—
KEEN'S SEEDLING, good old kind	4 0	14 0	—
KING OF THE EARLIES (First-Class Certificate)	5 0	20 0	—
LA GROSSE SUCREE, fine for forcing	5 0	15 0	—
LOXFORD HALL SEEDLING... ..	5 0	—	—
LUCAS, very large	5 0	15 0	—
NE PLUS ULTRA, very fine	5 0	15 0	—
NOBLE, the largest early variety	5 0	15 0	25 0
OLD IRONCLAD	—	—	—
PAULINE, the best early	5 0	15 0	—
PIONEER	6 0	20 0	—
PRESIDENT, good for all purposes	4 0	12 0	25 0
PRESIDENT DE LA CŒUR	5 0	—	—
PRINCESS ALICE	4 0	—	—
RIFLEMAN	5 0	—	—
ROYAL HAUTBOIS	4 0	—	—
SIR C. NAPIER, splendid forcer	4 0	15 0	25 0
SIR J. PAXTON, one of the best for market	4 0	12 0	25 0
UNSER FRITZ	3 4	—	—
VISCOUNTESS HERICART DE THURY (Garibaldi), best for amateurs	5 0	15 0	25 0
WATERLOO, fruit nearly black	7 6	20 0	25 0
WHITE PINE, producing very large white fruit	5 0	—	—

Ordinary Runners, 1s. per 100 less.

SPECIAL PRICES FOR LARGE QUANTITIES.

ALL THE BEST KENTISH RASPBERRIES.

Prices, &c., on application.

R. PITSON, Esq., Friern Barnet, Whetstone, Middlesex, 11th November, 1890.
I do not think one single seed I had from you failed to germinate.

Cannell & Sons' Complete Seed Guide.



We have one of the most complete and best-kept Collection of Roses in England; our Standards and Dwarfs are known and appreciated for their vigour, health, and perfect shape.

Rose Catalogue sent Post Free.

Rose Garden made and planted in such a way that they will be certain to succeed.

Established Plants, in 6-inch pots, of all the finest Tea-scented varieties, grown especially for Conservatories.

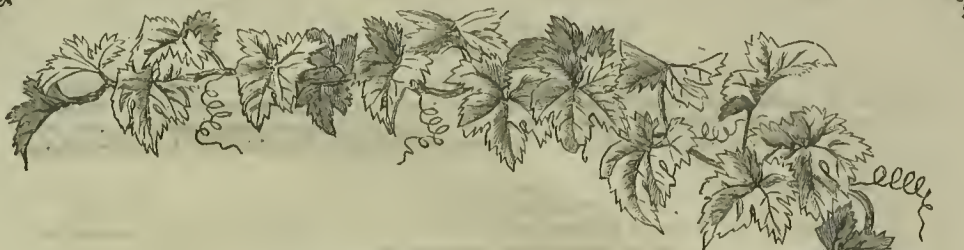
Extra strong Plants, in pots for forcing, of CATHERINE MERMET, NIPHETOS, PERLE DE JARDINS, 2s. 6d. and 3s. 6d. each.

Climbing Roses, specially grown in pots for training on walls and rafters, for conservatory and out-door planting:—

MARÉCHAL NIEL, &c.

8 ft. to 12 ft. high, 3s. 6d. and 5s. each.





SELECT FRUITING GRAPE VINES, GIVE A CROP AT ONCE.

- Alicante.**
- Alnwick Seedling.**
- Barbarossa.**
- Black Alicante.**
- Black Hambro'.**
- Bowood Muscat.**
- Buckland Sweetwater.**
- Foster's Seedling.**
- Golden Queen.**
- Gros Colmar.**
- Gros Maroc.**
- Lady Downes.**
- Madresfield Court Black Muscat.**
- Moore's Early, the best Outdoor Grape.**
- Mrs. Pince's Black Muscat.**
- Muscat of Alexandria.**
- Muscat Hambro'.**
- Royal Muscadine.**
- Trebbiano.**

CANES, for immediate planting, from 10 ft. to 15 ft. long,
5s., 7s. 6d., and 10s. 6d. each.



Cannell & Sons' Complete Seed Guide.

GARDENERS.

Our Mr. H. Cannell, Senr., gives personal daily attention to all applications for Gardeners. His wide connection, and being a large employer, makes him either personally or intimately acquainted with most of the best practical and deserving men in the country, and he would feel a real pleasure in assisting and fitting in the right man to the situation for which any lady or gentleman may require him.

Mr. J. WHARTON, Charles Hill, Farnham, Surrey, 11th November, 1890.
I write to thank you for your kindness in assisting me into this situation, which I much like.

GLASSES

TO CATCH ALL WASPS AND THUS SECURE THE FRUIT.

Prices on Application.



BAGS

FOR KEEPING GRAPES

EFFECTUALLY.

Prices on Application.

Cannell & Sons' Complete Seed Guide.

MISCELLANEOUS ARTICLES, MANURES, GARDEN REQUISITES, etc.

- Tobacco-Powder—In tins, 1/- and 2/6 each.
 Hughes' Fir Tree Oil—1/6 and 2/6 per bottle.
 Standen's Manure—In tins, 1/- and 2/6 each.
 Gishurst's Compound—In boxes, 1/- and 3/- each.
 Fowler's Gardener's Insecticide—In jars, 1/6 and 3/- each.
 Fowler's Lawn Sand—For eradicating weeds, daisies, dandelion, &c., from lawns—very effectual
 —Tins, 1/- and 2/6 each.
 Raffle Grass—For tying, 1/6 per lb.
 Shaw's Tiffany—In pieces, 20 yds. long by 38 inches wide, per piece, 5/-
 Gloves, Pruning—Best, per pair, 2/-.
 Fumigators, Appleby's—5/- each.
 Wolff's Solid Ink Pencils—For writing on wood, 3d. each.
 Wood Labels—For Flower Pots (painted), in bundles of 100; per bundle, 4-inch, 8d., 5-inch,
 10d., 6-inch, 1/-.
 Garden Netting, Tanned—2 yds. and 4 yds. wide, per yard run, 3d. and 6d.
 Thermometers—Boxwood, 1/6 and 2/- each.
 Verbena Pegs—Per box, 1/-, containing one gross.
 Clay's Fertilizer, or Plant Food—Packets 1/- each.
 Hughes' Aphicide—For applying insecticides on small plants, &c. The Aphicide is made so as
 to fit an ordinary bottle, price 1/6.
 Aprons, Gardeners', Shalloon—First quality, 4/6 each.
 Garden Trowels—6 inch, 1/- each.
 Gishurstine—For preserving gardeners' boots. In tins 6d. and 1/-.
 Syringes—Patent Ball Valve, 2 roses and 1 jet. 17/6 and 22/-
 Campbell's Fumigating Insecticide—8d., 1/-, 1/3, and 2/3 each; a grand improvement.
 Lethorion Cones—6d., 1/-, 1/6 each.
 Tweezers—Ivory, 3/6; steel, 1/6.
 Instruments—Complete set for dressing Chrysanthemums, 21/-
 Indelible Ink—For writing on zinc labels, 6d. and 1/-.
 Silver Sand—2/- per bushel.
 Sulphur—6d. per lb.
 Thomson's Vine Manure—20/- per cwt.

SANDERS' BOOK ON THE GARDEN.

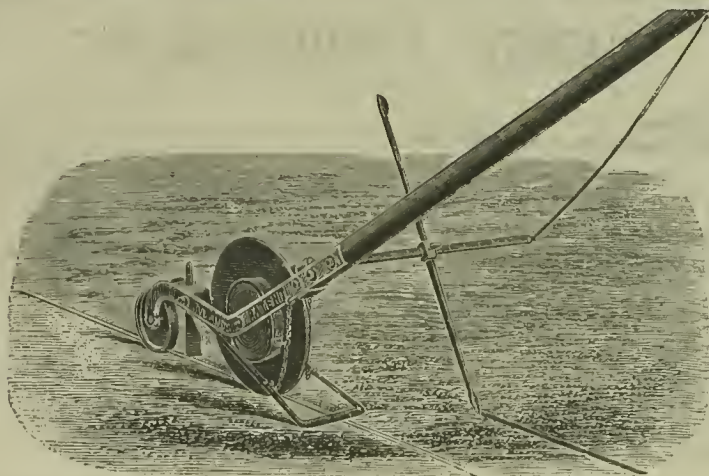
DECIDEDLY the best Calendar of operations, and a great deal of other matter positively necessary to all who have a garden; in fact, this work should be on the desk of every gardener and amateur for free and ready access to the *employés*, then we should have a more regular and better supply of vegetables, and hear less of failures and scarcities. The Work contains, in addition to the above matter, numerous illustrations, plans of beds, &c., and is beautifully printed and bound in cloth, thus rendering it worthy of a place on the drawing-room table. Price 2s.

Cannell & Sons' Complete Seed Guide.

A CAPITAL HAND DRILL.

SHOULD BE IN EVERY GARDEN.

PRICE ON APPLICATION.



OUR WONDERFUL REAL MANURE



Gives a brilliancy in colour and more breadth and substance in petals (that is to say, flowers on plants) than any other. Its effects are most marvellous at this season, if applied to Primulas they will be as good again as they would otherwise. A 1-lb. tin will show its effects. (*See first page respecting Vegetables.*)

1-lb. tin 1s., per post 1s. 4½d.; 3-lb. tin 2s. 6d., per post 3s. 1½d.;
6-lb. tin 4s. 6d., per post 5s. 6d.

In Bags—14 lbs. 8s., 28 lbs. 15s., 56 lbs. 25s., 1 cwt. 45s.

DIRECTIONS FOR USE.

Dissolve 1 oz. in a gallon of water, and use twice a week; increase to 1½ oz. by the time the plant is well in flower, and in ten days the effect will be marvellous.

The following shows the marvellous results of using Cannell & Sons' real manure for the production of vegetables :—

MR. NOAH KNELLER, of Malshanger Park.

The exact dimensions of one onion, 7 inches across, 19 inches round, weight 2 lbs. 9 oz., 12 onions weighing 34 lbs., exhibited at Reading Show.

Cannell & Sons' Complete Seed Guide.

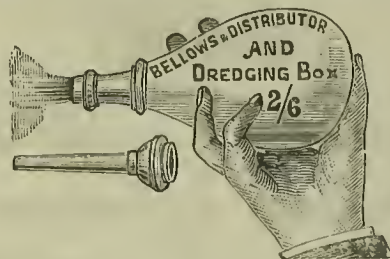
THE DUPLIX.

THE MOST USEFUL AND EASILY WORKED

POWDER DISTRIBUTOR & DREDGING BOX EXTANT.

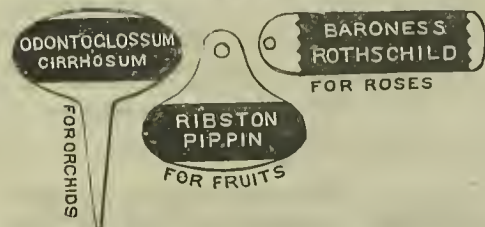
Distributes Insect Powders—"Thanatos," Tobacco Powder, Sulphur, Hellebore, &c.

We recommend this
Sulphur Duster
beyond all others.



2s. 6d. each
by Parcel Post, 2s. 9d.

ACME LABELS.



Acme Label for ORCHIDS, 3s. 6d. per Dozen, or 36s. per Gross.

Acme Label for FRUITS, 1s. 9d. per Dozen, 18s. per Gross.

Acme Label for ROSES, 1s. 3d. per Dozen, or 12s. per Gross.

POSTAGE RATES ON "ACME" LABELS.

LETTER POST.			PARCEL POST.		
ROSES.	FRUITS.	ORCHIDS.	ROSES.	FRUITS.	ORCHIDS.
4 ... 1d.	3 ... 1d.	2 ... 1d.	65 ... 3d.	33 ... 3d.	33 ... 3d.
8 ... 1½d.	5 ... 1½d.	4 ... 1½d.	130 ... 4½d.	76 ... 4½d.	66 ... 4½d.
15 ... 2d.	10 ... 2d.	8 ... 2d.	195 ... 6d.	114 ... 6d.	99 ... 6d.
24 ... 2½d.	15 ... 2½d.	12 ... 2½d.			

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FLOWER SEEDS.



PANSY CALCEOLARIA



CINERARIA PRIMULA



HOLLYHOCK QUILLED-ASTER



BALSA CARNATION

H. CANNELL & SONS'

(F.R.H.S., M.S.A.)

HOME-GROWN

Extra Choice Flower Seeds,

EXPRESSLY FOR PROFESSIONALS AND AMATEURS,
DIRECT FROM THE GROWERS TO THE SOWERS.

.....
FOR PENNY PACKETS, see Page 177.
.....

A few important words to all our Friends and Customers—

Come and See.

OUR FLOWERS

Is our cry in nearly all gardening journals, and verbally. Seeing is believing! and all will tell you that without seeing one cannot form the slightest idea of either the extent or the beauty, excellence, size, and perfection to which we grow Flowers and Vegetables at Swanley and Eynsford. Our junior members of the firm, and foremen alike, take the greatest interest in growing, and telling all our customers how we produce flowers, &c., so near perfection, as can well be imagined, and in this we stand alone. Where are there others that cordially and continually all the year invite their customers, and critics in particular, to come and see their Houses and Flower Beds which are bearing seeds for their patrons, as we do? None!

All through the Winter our Primulas, Cyclamen, and Zonal Pelargoniums are a grand sight. In Spring our Cinerarias, Double and Single, Mignonette, Calceolarias, and Pansies are unrivalled. In early Summer our Gloxinias eclipse all. In Summer our Begonias (no other raiser, trade or otherwise, can touch us by at least three to four years). Show, Fancy, and Large Flowering Pelargoniums, Cockscombs, Balsams, Petunias, Verbenas, Pansies, Asters, Zinnias, Stocks, &c., &c., are unapproached. Whole Houses, 100 feet long, full of not only the best, but far superior to any others in the world. Come and see. Be sure you see others before you come to see ours. Our great aim is to have the best of everything we offer for sale—it is a question, if flower growing, and seed saving, and hybridising was ever carried out on such practical and scientific principles as at Swanley—certainly no firm has

Cannell & Sons' Complete Seed Guide.

exhibited so much and so often at the large shows such remarkable productions, and carried off so many high honours for improved and popular kinds; in fact, we make the Garden our pride and study, which is confirmed by the following extracts:—

Gardeners' Chronicle.

“FLORAL COMMITTEE OF R. H. SOCIETY.—Many as have been the floricultural triumphs of Messrs. CANNELL, none will probably bring them more renown than the collection of Primulas which to-day came from the ‘Home of Flowers,’ splendidly grown and flowered, and of well-selected varieties; it was a group that gained the admiration of all, and higher praise could hardly be given. Most strikingly distinct and most attractive of all was a real red Primula—the Swanley Red—that took the popular fancy amazingly, and which may be said has no rival. Other sorts of undoubted quality were the *Swanley White*, *Improved Swanley Purple*, and *Swanley Carminata*, all represented by a number of plants, each in a 48 pot, in all respects remarkable for their stout, leathery leaves and robust trusses of beautiful flowers thrown sufficiently above the foliage to show every pip to the best advantage.”

Covent Garden Gazette.

“Swanley is becoming the Mecca of florists, and deservedly so. Messrs. CANNELL's list of novelties seems inexhaustible; and the autumn Catalogue to hand is a witness to this fact. Like ‘The Home of Flowers’ itself, it makes little outward show in the shape of Dutch gilt, but inside its pages—like inside the gates at Swanley—there is a treat awaiting all lovers of flowers.”

It will be seen by extract from newspaper that Cannell's Horticultural Farm is becoming noted to most of the residents of the South of London. Visitors frequently make journeys to see horticulture carried out to its utmost extent, on the most practical and scientific principles, at Eynsford and Swanley:—

“In the course of the summer season Eynsford will become the rendezvous of a considerable number of visitors, owing in a great measure to the magnetic attractions of a large and gorgeous seed farm of Messrs. Cannell and Sons. Already the villagers have received communications from ladies and gentlemen enquiring as to their prospect of obtaining for the summer months a house within sight of the flower fields, and within reach of the fragrant breeze.”—*Dartford Express.*

✻ GARDEN + ANNUALS. ✻

THESE are all beautiful, and some lovely. Many who buy and sow them never see their full beauty. Why? Simply because they have never had the following secrets of sowing and growing put plainly before them for their guidance.

First.—The situation must be open, free from shade, roots of trees and shrubs, &c., &c. It is astonishing how thick and far these roots extend, taking every bit of moisture and goodness out of the ground; the soil should be dug deeply, and, if very poor, moderately manured; this done, it is no matter whether the seed is sown by making an indentation in the soil half-inch deep with the edge of a bit of wood, or rim of a pot, or any other contrivance. The seed must be covered with fine soil, the smaller the seed the finer and thinner the soil. Usually they come up like mustard and cress, and the thick green growth looks nice and cheerful. Now, the most remarkable part of the business for amateurs to understand—and understand they must—is to have nerve enough to pull nearly all of them up, almost in the same way as picking the feathers off fowls. The stumps, as it were, are almost enough to produce a crop, but more would be got out of the quarter left than if they were originally untouched. Such is a fact! We have only to look at the seed bed of Wallflowers, Sweet Williams, Cabbage, and Brussels Sprouts, and ask ourselves the question, and the secret presents itself plainly. Nearly all the annuals are better for being thinned or transplanted, if done at the proper time and in favourable weather; but to get at the exact distances, you really want to know to what size the plant attains when flowering. For instance, Virginia Stock, Nemophila, and such like small varieties, 1 to 2 inches apart; Mignonette, Dianthus, Candytuft, 5 inches; Canterbury Bells and Marigolds, 1 foot; and so ascertain the size generally attained of any plants, and leave room accordingly; and it will be surprising how well you will succeed by letting them have sufficient room to develop their proper individual proportions, if not, they are poor and puny, and in and out of bloom in no time. Thus it is spoken of the plants, and the seedsman who supplied them.

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NOVELTIES, &c., IN FLOWER SEEDS

For 1891.

Full-sized Packets only of the following Novelties, &c., can be supplied.

SWEET PEA—PRINCESS VICTORIA.—Standards dark cerise, the wings mauve-pink, and slight lines of rose; very pretty and attractive. Per pkt., 1s. 6d.

SWEET PEA—EMPRESS OF INDIA.—Clear rosy-pink standards and white wings; large and very pleasing. Per pkt., 1s. 6d.

SWEET PEA—MONARCH.—Bronzy-crimson standards, with rich deep blue wings; a very large and striking variety. Per pkt., 1s. 6d.

SWEET PEA—SENATOR.—A large bold flower, finely expanded standards, shaded and striped chocolate on creamy ground; a lovely variety. Per pkt., 1s. 6d.

SWEET PEA—PRIMROSE.—A near approach to a Yellow Sweet Pea, quite novel and distinct in colour; the standards and wings pale primrose yellow. Awarded First-Class Certificate by the Floral Committee of the Royal Horticultural Society in 1887. Per pkt., 1s. 6d.



PERPETUAL FLOWERING DWARF DOUBLE MARGARET CARNATIONS—TOM THUMB.

Canrell & Sons' Complete Seed Guide.

PERPETUAL FLOWERING DWARF DOUBLE MARGARET CARNATIONS—TOM THUMB.—Herewith is offered an opportunity which cannot be excelled to every one who is in constant want of fine flowering plants. In growing these beautiful Carnations the greatest possible perfection has been obtained, and it is hardly likely they will ever be surpassed. They are most valuable for pot culture, bedding, groups, borders, &c., and will be highly appreciated by all lovers of the Carnation. The cultivation is quite simple, as they can be sown at almost any time of the year, but must be transplanted at once to the spot where intended to flower. If sown in March they require but very little more attention than many of the common summer flowers. 1s. 6d.

JEWEL OR BALL ASTER—(1) Appleblossom; (2) Deep Rose.—Two very handsome varieties of a new and magnificent class of Asters, obtained from the well-known large flowered Picoay Perfection tribe. Similar, but somewhat dwarfer in habit than the latter, it distinguishes itself at first sight by its beautiful, shorter-petalled and perfectly round flowers, which may be compared to the finest varieties of the incurved class of Chrysanthemum. The plants attain a height of about 20 to 24 inches; the fully developed flowers, measuring from $2\frac{1}{2}$ to 3 inches across, are as round as a ball, and, being borne on long stalks, they will prove very useful for cutting and bunching. Each colour separate. Per pkt., 1s. 6d.

BEGONIA CREDNERI—A perfectly distinct new variety, originated by hybridising *B. Scharffiana* and *metallica*. Its graceful habit is similar to the former species, while in shape and colouring of the foliage it resembles the *B. metallica*. The flowers, hanging in large umbrella-like clusters, by far excel both parents. The plants attain a height of 2 to 3 feet, and produce a profusion of bloom that is astonishing; the leaves are dark green, of a metallic gloss and hairy on the surface, dark red underneath, 6 inches broad by 8 inches in length. The colour of the individual flowers is a snowy white on the inside of the petals, while the reverse is thickly set with fine red hairs, thus forming a most striking and beautiful contrast. Being very hardy and exceedingly ornamental, we can confidently recommend this new hybrid for greenhouse culture as well as for rooms, even as a cut flower it is of great value, on account of its pleasing colour and its long keeping. Per pkt., 1s. 6d.

GODETIA, WHITE PEARL—New dwarf pure white variety, reproducing itself true from seed. Its individual flowers are not quite so large as those of *G. Duchess of Albany*, but equally as pretty, and of the same satiny-white. On account of its very regular compact growth, it is best adapted for dwarf beds or borders. Per pkt., 1s.

ASTER MIGNON (Mixed Colours)—One of the great favourites amongst *White Asters* is without doubt the Mignon Aster, on account of its beautiful flowers and its abundance of bloom. The mixture of new colours offered herewith contains different shades of carmine rose, crimson, light blue, and pink, which are equally as pretty as the white variety. Per pkt., 1s. 6d.

ASTER, ZULU KING—This new and distinct variety introduces an entirely new colour hitherto unknown amongst Asters. The plant is of pyramidal growth, and bears on long dark stems an abundance of medium-sized flowers of faultless globular shape and of a peculiarly rich black purple colour of great intensity. As a cut flower it is of great value, as also for general decorative purposes. Per pkt., 1s. 6d.

STREPTOCARPUS, NEW HYBRIDS—This beautiful new race of *Streptocarpus* is the result of crossing *S. Rhexii*, *S. parviflorus*, and *S. Dunnii*. These new hybrids, growing about 9 inches in height, are remarkable for their abundance of bloom and the continuous succession in which the flowers are produced for about four months in the summer and early autumn. The flowers, which are very graceful in form, measure about $1\frac{3}{4}$ inches in length, and range in colours from pure white through pale lavender, lilac, purple, violet, and bright rose and red to rich rosy-purple, with all the intermediate tints, and in all the flowers the throat and three lower segments are more or less spotted or blotched with various shades of purple. If the seed is sown in January or February the plants come into bloom the following June or July. As pot plants they are highly decorative. Per pkt., 2s. 6d.

ASTER, SNOWBALL OR PRINCESS, WHITE—The first colour of a new distinct race, raised from the Mignoa Aster, with which it corresponds as to growth and height of the plant. Every plant produces about 30 pure white flowers, which resemble in shape the Liliput Dahlia. The flower is high-crowned with short petals, which lie scale-like one upon the other. On account of its elegant faultless shape, this new Aster offers invaluable material as a cut flower, the cut flowers lasting well in water for a longer time than that of the other Asters. — Most suitable for pot culture. Per pkt., 1s. 6d.

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GIGANTIC PANSIES, IN SPLENDID MIXTURE.—We have been selecting the above for many years from the *Trimardeau* and other similar strains, and these should, correctly speaking, be called *Cannells' Improved*. Size of the flowers and diversity of colours even finer than those that have caused such a sensation and rage in Covent Garden, as well as throughout London, the last season. Per pkt., 1s. 6d. and 2s. 6d.

DWARF PERENNIAL PHLOX.—This new race forms dwarf pyramidal bushes of from 1 to 1½ feet high, profusely covered with magnificent, large, beautifully-shaped flowers. If sown early it flowers from July until late in the autumn. The colouring is as rich as that of the old perennial tall varieties. The mixture contains a large percentage of white colour. Per pkt., 1s. 6d.

H. G. FEAR, Esq., Kilbirnie Villa, Fort Hill, Barnstaple, *February 7th, 1890.*

The grand collection of Show Pansies from seed you sent me three years ago created quite a sensation among my friends.

M. DORRINGTON, Esq., Marston Place, Cottle's Oak, Frome.

Just a word or two in praise of your Begonia seed. I had a packet of each sort (double and single) from you in the spring, and now I have about sixty plants of the single and forty of the double. Most of them have bloomed and have turned out far above my expectations. A friend of mine sent to another well-known house for his double seed, and succeeded in raising three plants, which he gave away, as they were not worth keeping, having all bloomed single.

MR. CHAS. HOLT, Gardener to Major Allfrey, Wakefield Park, Mortimer.

I still retain a most vivid recollection of your beautiful Begonias from seed, also the long talk I had with you respecting them. My friends, to whom I described them, were astonished at the superiority of your strain. I hope this coming summer to pay you a visit and see you in all your glory.

II. DANIELEWSKY, Esq., Ministère des Affaires Étrangères, St. Petersburg, Russia,

15th November, 1890.

I am glad to say I succeeded in keeping up the well-deserved reputation of your Double Begonia seeds in Russia. The specimens I raised were so beautiful that I resolved to exhibit them at the Russian General Horticultural Exhibition, *I alone of the seven exhibitors received the highest prize, a gold medal.* Your plants were very much admired, and I promised to do all that lay in my power to exhibit them in greater number in future. I labelled my plants "raised from the seeds of the English Horticulturists, Cannell & Sons, Swanley, Kent."

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CANNELLS' COMPLETE COLLECTIONS OF



The following Collections consist only of Selections from our Eynsford Seed Grounds, of the choicest and most universal favourites of the garden, which we feel sure will give every satisfaction.

No. 1, Price 21s., contains

- | | |
|-------|---|
| 1 | Collection of 12 Varieties of Truffaut's Pæony-flowered Aster |
| 1 | 6 " Bettridge's Globe Quilled Aster |
| 1 | 12 " Large Flowering German Ten-week Stock |
| 1 | 6 " Brompton Stock |
| 1 | 8 " Double Zinnia |
| 1 | 6 " Phlox Drummondii |
| 12 | Varieties of Showy Hardy Annuals |
| 6 | " Popular Hardy Perennials |
| 6 | " Half-hardy and Tender Annuals |
| 3 | " Ornamental Grasses for Winter Bouquets and Table Decoration |
| 3 | " Everlasting Flowers |
| 2 oz. | Sweet Peas, finest mixed |
| 1 | " Mignonette, Sweet Scented |
| 1 | " Nasturtiums, Dwarf, mixed |
| 1 | Packet choice Petunia |
| 1 | " Balsam, Cannells' Perfection |
| 1 | " Sunflower, Single, mixed |

Cannell & Sons' Complete Seed Guide.

No. 2, Price 10s. 6d., contains

- 1 Collection of 6 Varieties of Truffaut's Pæony-flowered Aster
 - 1 " 6 " Large Flowering German Ten-week Stock
 - 6 Varieties of Half-hardy and Tender Annuals
 - 6 " Hardy Perennials
 - 12 " the best and most showy Hardy Annuals
 - 3 " Everlasting Flowers
 - 3 " Ornamental Grasses for Winter Bouquets
 - 1 Packet of Double Zinnias, mixed
 - 1 " Petunla, choice, mixed
 - 1 " Balsam, Cannells' Perfection
 - 1 " Sunflower, Single, mixed
 - 1 oz. Sweet Peas, finest mixed
 - ½ " Mignonette, Sweet Scented
-

No. 3, Price 7s. 6d., contains

- 10 Varieties of Showy Hardy Annuals
 - 10 " Half-hardy and Tender Annuals
 - 6 " Hardy Perennials
 - 1 Packet of Truffaut's Pæony-flowered Aster
 - 1 " German Ten-week Stocks
 - 1 " Double Zinnia, mixed
 - 1 " choice Petunias
 - 1 " Mignonette, Sweet Scented
 - 1 " Balsam, Cannells' Perfection
 - 1 " Sweet Peas, finest mixed
 - 1 " Everlasting Flowers, mixed
 - 1 " Ornamental Grasses, mixed
 - 1 " Sunflowers, Single, mixed
-

No. 4, Price 5s., contains

- 6 Varieties of Showy Hardy Annuals
- 6 " Half-hardy and Tender Annuals
- 3 " Hardy Perennials
- 1 Packet of Double Zinnias, mixed
- 1 " Truffaut's French Asters
- 1 " German Ten-week Stocks
- 1 " Balsam, Cannells' Perfection
- 1 " Mignonette, Sweet Scented
- 1 " Sweet Peas, finest mixed
- 1 " Ornamental Grasses, mixed
- 1 " Everlasting Flowers, mixed
- 1 " Sunflowers, Single, mixed

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COLLECTIONS OF FLOWER SEEDS—*Continued.*

No. 5, Price 2s. 6d., contains

3	Varieties of Showy Hardy Annuals
3	„ Half-hardy Annuals
1	Packet of Balsam, Cannells' Perfection
1	„ Best Quilled Aster
1	„ German Ten-week Stocks
1	„ everlasting Flowers
1	„ Ornamental Grasses
1	„ Sweet Peas
1	„ Mignonette
1	„ Sunflowers

No. 6, Price 1s., contains

12 Packets of the most Showy Hardy Annuals for an Amateur's Garden.

Cheaper by the dozen or gross.

No. 7, Price 3s. 6d., contains

18 Packets of the most useful Annuals for cutting.

CANNELLS' COLLECTIONS OF THE BEST ASTERS IN DISTINCT COLOURS.

DWARF BOUQUET.

12 distinct colours, separate	...	...	...	...	...	...	...	...	2s. 6d.
6 „ „ „	...	...	...	...	...	...	...	...	1s. 6d.

NEWEST IMPROVED PÆONY PERFECTION.

12 distinct colours, separate	2s. 6d.
6 „ „ „	1s. 6d.

WASHINGTON ASTERS.

6 distinct colours, separate	2s. 0d.
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IMBRICATED POMPON.

12 distinct colours, separate	2s. 6d.
6 „ „ „	1s. 6d.

GIANT EMPEROR.

8 distinct colours, separate	2s. 6d.
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COLLECTIONS OF FLOWER SEEDS—*Continued.*

VICTORIA.

12 distinct colours, separate	2s. 6d.
6 " " "	...	...	...	...	...	...	...	...	1s. 6d.

ENGLISH QUILLED, OR GLOBE.

12 distinct colours, separate	2s. 6d.
6 " " "	1s. 6d.

DWARF SHAKESPEARE.

6 distinct colours, separate	2s. 0d.
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DWARF CHRYSANTHEMUM, FLOWERED.

12 distinct colours, separate	2s. 6d.
6 " " "	1s. 6d.

COCARDEAU or CROWN (white centre).

6 distinct colours, separate	1s. 6d.
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CANNELLS' COLLECTIONS OF THE BEST STOCKS IN DISTINCT COLOURS.

LARGE FLOWERING GERMAN TEN-WEEK.

12 distinct colours, separate	3s. 0d.
6 " " "	1s. 6d.

WINTER INTERMEDIATE.

6 distinct colours, separate	1s. 6d.
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EAST LoTHIAN INTERMEDIATE.

4 distinct colours, separate	2s. 0d.
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GERMAN EMPEROR.

12 distinct colours, separate	3s. 0d.
6 " " "	1s. 6d.

BROMPTON STOCK.

12 distinct colours, separate	3s. 0d.
6 " " "	1s. 6d.

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MISCELLANEOUS COLLECTIONS.

	s. d.
Antirrhinum, 8 choice varieties, separate	2 0
Balsam, Camellia Flowered, 12 varieties, separate	3 0
" " " 6 " " " " " " " " " " " "	1 6
Carnation, Fancy, 12 varieties, separate	3 0
" " " 6 " " " " " " " " " " " "	1 6
Carnation, self colours, 12 varieties, separate	3 0
" " " 6 " " " " " " " " " " " "	1 6
Cockscomb, Dwarf, 12 varieties, separate	2 6
" " " 6 " " " " " " " " " " " "	1 6
Convolvulus, Major, 6 varieties, separate	1 6
Helichrysum Monstrosum, 6 varieties, separate	1 6
Hollyhock, Chater's, 6 varieties, separate	4 0
Larkspur, Hyacinth Flowered, 6 varieties, separate	1 6
" " Giant Rocket, 6 varieties, separate	1 6
Pansy, 12 choice varieties, separate	2 6
" " 6 " " " " " " " " " " " "	1 6
Phlox Drummondii, 12 varieties, separate	3 0
" " " 8 " " " " " " " " " " " "	2 0
Phlox Drummondii Grandiflora, 8 varieties, separate	2 6
Pleotée, 12 choice varieties, separate	3 6
" " 6 " " " " " " " " " " " "	2 0
Pea, Sweet, 7 fine varieties, separate	1 6
Portulaca Grandiflora Fl. Pl., 6 varieties, separate	1 6
Salpiglossis, 6 large flowering varieties, separate	1 3
Scabious, Dwarf, Double, 6 varieties, separate	1 3
Tropæolum Lobbianum, 6 varieties, separate	1 3
Wallflower, Double German, 12 varieties, separate	3 6
" " " 6 " " " " " " " " " " " "	2 0
Zinnia Elegans, Double, 8 varieties, separate	2 0
" " " Single, 6 " " " " " " " " " " " "	1 6
Everlasting Flowers, 12 varieties, separate	2 0
" " " 6 " " " " " " " " " " " "	1 0
Ornamental Grasses, 12 varieties, separate	2 6
" " " 6 " " " " " " " " " " " "	1 6

Half-packets at half-price of all Flower Seeds where priced 1s. and upwards, except collections and novelties.

For Penny Packets, see page 177.

Cannell & Sons' Complete Seed Guide.

CANNELLS' FLOWER SEEDS BY WEIGHT.

The following Seeds grown by us in large quantities enables us to supply them by weight at the annexed low prices, in quantities of not less than one ounce of each kind.

	Per Ounce.—s. d.
Alyssum, Sweet	1 0
Antirrhinum, mixed; our own choice strain	2 6
Aquilegia, finest, mixed	1 6
Calliopsis, Coronata	1 0
Candytuft, White Rocket... ..	1 0
„ Crimson... ..	1 0
„ Purple	0 9
„ Mixed	0 9
Clarkia, mixed	0 9
Convolvulus, Minor, blue	0 6
„ Major, mixed	0 10
Digitails (Foxglove)	1 0
Erysimum Perowskianum... ..	0 9
Eschscholtzia Crocea	0 9
Limnanthes Douglasi	0 9
Linum Grandiflorum Rubrum	1 6
Love-lies-Bleeding	1 0
Mignonette, Sweet Scented	0 9
Nasturtium, Tail, mixed	0 6
„ Tom Thumb, Scarlet	1 0
„ „ Pearl	1 0
„ „ Crystal Palace Gem	1 0
„ „ Beauty	1 0
„ „ Spotted	1 0
„ „ King	1 0
„ Dwarf, mixed	0 9
Nemophila Insignis, blue... ..	6
Pea, Sweet, mixed	per pint 3/- 0 3
Poppy, fine mixed	1 0
Saponaria Calabrica	1 0
Silene, mixed	0 9
Sunflower, Single, mixed... ..	1 0
Sweet William; our own choice strain	1 6
Virginian Stock, Red	0 9
„ „ White	1 0
Wallflower, dark	2 0
„ mixed	1 6

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MIXED FLOWER SEEDS

Suitable for Shrubberies, Rockeries, Woodland Walks, Large Banks, &c.

Sow broadcast during March, April, and May, or during August and September for Spring flowering.

		s. d.	s. d.
Tall varieties	... ..	5 0 per lb.	0 6 per oz.
Dwarf „	... ..	5 0 „	0 6 „

Not less than one ounce will be supplied at above prices.

ORNAMENTAL GRASSES.

THESE beautiful, fine, feathered-like Grasses are exceedingly ornamental, and are much grown—in fact, thousands are sold in Covent Garden, and they contrast most beautifully amongst high-coloured flowers either in pots or bouquets, winter and summer. Their culture is very simple: treat them similar to Asters, and they will be sure to give a charm to every garden. The following will be found the most useful:—



AGROSTIS PULCHELLA. 3d. per pkt.



BRIZA GRACILIS. 3d. per pkt.



BRIZA MAXIMA, OR QUAKING GRASS.
3d. per pkt.



COIX LACHRYMA, OR JOB'S TEARS
3d. per pkt.

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ERAGROSTIS ELEGANS, OF LOVE GRASS.

3d. per pkt.



PENNISETUM VILLOSUM.

3d. per pkt.



EULALIA JAPONICA ZEBRINA.

EULALIA JAPONICA ZEBRINA—This beautiful variegated grass is a native of Japan. It grows from 3 to 4 feet high, and it is reported to be hardy. It has a grand appearance when in bloom, and should prove extremely valuable as a plant for grouping with lilies and aquatics round the edges of aquaria, ponds, &c. 1s. per pkt.

AGROSTIS NEBULOSA—3d. per pkt.

GYNERIUM ARGENTEUM (Pampas Grass)—3d. per pkt.

LAGURUS OVATUS (Hare's Tail Grass)—Very pretty for bouquets. 3d. per packet.

PANICUM SULCATUM—3d. per pkt.

STIPA PENNATA (Feather Grass)—3d. per pkt.

MIXED VARIETIES, 3d. per pkt.

GENERAL LIST OF FLOWER SEEDS.

ABBREVIATIONS.

A.C. Annual Climber.
A.P. Apetalous, without petals.
G.A. Greenhouse Annual.
G.P. Greenhouse Perennial.

H.H.SH. Half-hardy Shrub.
H.A. Hardy Annual.
H.H.A. Half-hardy Annual.
H.H. Hardy Herbaceous.

H.B. Hardy Biennial.
H.H.B. Half-hardy Biennial.
H.P. Hardy Perennial.
H.H.P. Half-hardy Perennial.

HARDY ANNUALS may be sown from February till the end of September; March, April, and May are the best months for general summer display; June and July for autumn blooming; August and September for spring flowering. **Half-hardy Annuals**—Sow from the beginning of March to the end of May; place in a frame on a gentle bottom heat. When sowing from the middle of April to the end of May, they may be easily raised without artificial heat, and by selecting a warm, sheltered, situation, and covering them with a hand-light till they are strong enough to bear transplanting.

Cannell & Sons' Complete Seed Guide.

BIENNIALS AND PERENNIALS—The most select and tender varieties for summer and autumn blooming may be sown in a gentle heat in March and April, and picked out into pots until fully established, and then potted off singly, or transplanted into the open ground, as required. The hardier varieties may be sown in the open ground, in prepared beds, in June and July, and when strong enough, transplanted to where they are intended to bloom the following year.

HERBACEOUS PLANTS are those Perennials which lose their stems annually, whilst the roots continue alive in the ground.



ABUTILON.

H. H. SH. ABUTILON—Saved from ours, the finest collection ever brought together. (See Floral Guide.) 1s. per pkt.

H. H. SH. ACACIA LOPHANTHA—A fine, fern-like foliage plant for greenhouse or window decoration. 3d. per pkt.

**H. H. A. ACROCLINIUM GRANDIFLO-
RUM ATROROSEUM** (Everlasting)—Very large flowered; dark. 3d. per pkt.

H. H. A. *ACROCLINIUM ALBUM—White flowered; very beautiful. 3d. per pkt.

* Flowers of these should be gathered before they are fully opened, so as to secure a bright centre when dried.

**H. H. A. *ACROCLINIUM ROSEUM
FLORE PLENO**—The usefulness of a double form of so popular and useful an everlasting as the Acroclinium undoubtedly is, needs no comment. The densely double flowers are faultless both in shape and colour. On first unfolding, the flowers show a charming rosy hue, fading to a delicate pink at a later stage. A great advantage lies in the flowers having less tendency to close in damp weather than the single kind. 6d. per pkt.

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ACROCLINIUM GRANDIFLORUM ATROROSEUM.

H.A. ADONIS ÆSTIVALIS (Flos Adonis)
—Has bright crimson flowers protruding from
finely cut dark green foliage. 3d. per pkt.

H.A. ADONIS AUTUMNALIS—Crimson;
flowers in autumn. 3d. per pkt

H.P. ADONIS VERNALIS—Flowers 2 in.
across, of a bright yellow colour; charming for
flower-border decoration in spring. 3d. per pkt.



ACROCLINIUM ROSEUM FL. PLENO



ADONIS VERNALIS.

H.H.A. AGERATUM, "CANNELLS'
DWARF"—The best of all the blues. 3d per pkt.
H.H.A. AGERATUM, "SWANLEY BLUE"
—Dwarf. 3d. per pkt.

H.H.A. IMPERIAL DWARF WHITE.
3d. per pkt.

H.A. AGROSTEMMA CÆLI ROSA—
Dwarf, fringed, and very pretty. 3d. per pkt.

MR. T. RABONE, Alton Towers, Cheshire, February 13th, 1890.

I am very much obliged indeed for your wonderful Floral Guide, which might well be described as one of the wonders of the world in the way of nurserymen's catalogues. Being confined to my room for a few days its perusal has been a pleasure, and done some little to alleviate my indisposition.

Cannell & Sons' Complete Seed Guide.



AGROSTEMMA CŒLI ROSA.



AMARANTHUS MELANCHOLICUS RUBER



AMARANTHUS SALICIFOLIUS.

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N.P. AGROSTEMMA CORONARIA (Rose
Campion)—Pretty rose coloured. 3d. per pkt.

**N.P. AGROSTEMMA CORONARIA
ATROSANGUINEA**—Flowers large, deep
crimson. 3d. per pkt.

N.H.A. ALONSOA LINIFOLIA—Showy
flower, bright scarlet. 3d. per pkt.

N.H.A. ALONSOA ALBIFLORA—White.
3d. per pkt.

N.A. ALYSSUM MARITIMUM (Sweet
Alyssum)—Flowers white; if sown in clumps it
has a very pretty effect. 3d. per pkt.

N.P. ALYSSUM SAXATILE—Yellow. 3d.
per pkt.

N.A. AMARANTHUS CAUDATUS (Love-
lies-bleeding)—Exceedingly graceful, free-
flowering, ornamental plant, about 2 feet high;
red. 3d. per pkt.

N.H.A. AMARANTHUS TRICOLOR—
Dwarf, leaves marked with scarlet and rich
bronzy purple; beautiful foliage. 3d. per pkt.



ANCHUSA ITALICA.

**N.H.A. AMARANTHUS MELANCHOLI-
CUS RUBER**—A compact growing variety,
with large shaded crimson leaves; average height
of plants about 1 foot. 3d. per pkt.

**N.H.A. AMARANTHUS, "PRINCESS OF
WALES"**—One half leaves is intense carmine
with olive-green tips, the remainder orange-yel-
low, beautifully veined with pink; splendid
plants for table decoration. 1s. per pkt.

**N.H.A. AMARANTHUS (HYBRID)
"HENDRI"**—Graceful habit, brilliant colours,
gives a striking effect. 1s. per pkt.

N.H.A. AMARANTHUS SALICIFOLIUS
(The Fountain Plant)—One good plant will
repay all trouble. Sow early in March. 3d.
per pkt.

N.P. ANCHUSA ITALICA—Deep blue.
3d. per pkt.

**N.H.P. AMMOBIUM ALATUM GRANDI-
FLORUM** (Everlasting)—Flowers pure white,
of a small rosette shape, reminding one of the
old *Bachelors' Buttons*. It is of a very easy
growth, and of great value for cut flowers all
the winter. 3d. per pkt.



ANTIRRHINUM.

N.P. ANEMONE CORONARIA—Mixed.
3d. per pkt.

N.P. ANEMONE FULGENS (Scarlet
Wind Flower)—Graceful habit, flowers beauti-
ful, bright scarlet. 1s. per pkt.

N.P. ANTIRRHINUM (Snapdragon) —
*Handsome free-flowering border plants; decorative
the first season when sown early.* These are from
our best named varieties, and it is impossible to
find a more distinct selection. The greater part
of them are beautifully striped. See our Collec-
tion, in Floral Guide, of named kinds. 6d. per pkt.

N.P. ANTIRRHINUM—From a good strain.
3d. per pkt.

N.P. ANTIRRHINUM, TOM THUMB—
Perfectly distinct from the above, the flowers are
not quite so large, but their dwarf stiff growth
and shiny foliage, with masses of blooms, renders
them exceedingly attractive. 3d. per pkt.

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G.S. **ARALIA SIEBOLDII** — Handsome, ornamental foliage plant. (*New seed ready in April.*) 1s.

centre petals clear sulphur-yellow, and the spurs and sepals a charming shade of pale blue; foliage very handsome; it is perfectly hardy, and grows well in almost any soil. 1s. per pkt.



AQUILEGIA CHRYSANTHA.

H.P. **AQUILEGIA**—Finest Hybrids, mixed. To be quite sure that we have the best, we purchased of Mr. Douglas and E. Cruikshank, Esq., all their seed. These two gentlemen, it is well known, make this family a speciality, and have raised the best kinds; this, together with our own, gives us the best seed in cultivation. 1s. per pkt.

H.P. **AQUILEGIA VULGARIS** — Mixed (Columbine). 3d. per pkt.

H.P. **AQUILEGIA SKINNERI**—Red, with tips of the petals golden yellow; grows 2 to 3 feet high. 1s. per pkt.

H.P. **AQUILEGIA CHRYSANTHA**—Beautiful yellow, very useful for cutting. 1s. per pkt.

H.P. **AQUILEGIA CÆRULEA HYBRIDA**—The flowers are large and well opened, the



DOUBLE AQUILEGIAS.

H.P. **AQUILEGIA CALIFORNICA HYBRIDA**—Flowers large, the centre petals are yellow, and form a marked contrast to the deep orange red of its sepals and spurs. 1s. per pkt.

H.P. **AQUILEGIA GLANDULOSA** (Grigor's Variety)—Tips of petals white, sepals dark blue, large blooms, plant 1½ to 2 feet high; one of the most beautiful of this family. 1s. per pkt.

H.P. **AQUILEGIA GRANDIFLORA ALBA**—Fine pure white flowers; one of the best for cutting. 6d. per pkt.

H.P. **ARABIS ALPINA**—A beautiful, hardy, miniature-growing plant, and for permanent edging or spring bedding one of the best plants in cultivation; flowers white. 3d. per pkt.

H.A. **ARGEMONE GRANDIFLORA**—Large, white, daisy-shaped flowers; may be sown in borders in April. 3d. per pkt.

H.A. **ARGEMONE MEXICANA**—Yellow. 3d. per pkt.

H.P. **ASPERULA ODORATA**—(Woodruff) White sweet-scented flowers, dwarf; thrives well in the shade. 3d. per pkt.

Mr. O. GORNBEY, Wilcroft, Lugwardine, Hereford, *September 12th, 1890.*

I am sending you a few Aster blooms from your seed, they are the finest I ever saw. I took first prize at our local show last week, they were the best in all the exhibits.

Osmington, Weymouth, *September 12th, 1890.*

Mrs. WATHERSTON takes this opportunity of saying how pleased she is with the collection of Asters she had from Messrs. Cannell this year by seed, they are quite beautiful.

Mr. A. BOATMAN, Water Oakley Cottage, near Windsor, *February 6th, 1890.*

The seeds we had from you last year produced some good vegetables, and likewise flowers. My Balsams, Stocks, and Asters, were admired by all that saw them.

Mr. GEO. BEER, Florist, &c., Seldenville, Worthing, *February 4th, 1890.*

The Petunia seed you sent me last year gave some lovely blooms.

Cannell & Sons' Complete Seed Guide.

ASTERS.

Sow Aster seed in April and May, in pots, or on a spent hot-bed, in drills 4 inches apart; when the plants are 1 inch high prick out into a cold frame, or under hand-glasses, 3 to 4 inches apart, from whence they can be planted out when 4 inches high; select showery weather for planting, when the ground is in good working order; plant out in rows 1 foot apart each way. To grow Asters to perfection a rich deep soil is indispensable, and during dry weather they should be watered, and a top-dressing of well-rotted manure applied early in August. Be very particular that they are always thoroughly free from insects when they are planted out, otherwise the leaves will become curled, and vigour and perfection lost for the season. If required for exhibition the buds should be thinned, and the plants well watered with liquid manure. During the last fortnight cover with glass.

H.H.A. **COCARDEAU, or CROWN**—A very striking and distinct class, each flower having a white centre surrounded by rose, crimson, blue, &c. Per pkt, Mixed, 1s.



COMET ASTER.

COMET ASTER—Large and extremely double flowers, similar in shape to the Japanese Chrysanthemum. Per pkt., Mixed, 1s. 6d.

H.H.A. **DWARF BOUQUET**—Best of the dwarf Asters, growing about 6 inches; the flowers are all bi-coloured, small, flat-petalled, and very free. Exceedingly pretty, and makes very attractive beds; suitable for pot culture. Mixed. 1s. per pkt.

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BOUQUET ASTER.

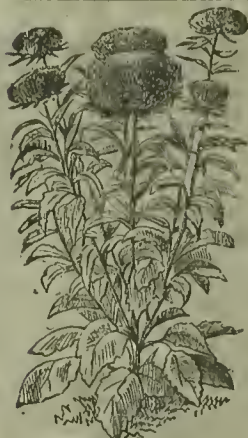
IMPROVED PÆONY PERFECTION ASTER.

H.H.A. The flowers combine the enormous size of the Giant Emperor Aster with the greatest perfection in form and donbleness of the Pæony class. The plants are of pyramidal growth. The yield of seeds is a very small one. Mixed colours, 1s. per pkt.

WASHINGTON ASTER
—Extra fine varieties for exhibition. Mixed, 1s. per pkt.



IMPROVED PÆONY PERFECTION ASTER.



VICTORIA ASTER.

H.H.A. **TRIUMPH ASTER, DEEP SCARLET**—The most perfect and beautiful of all dwarf Asters. It forms an entirely new class, reproducing itself true from seed, attaining a height of but 7 to 8 inches. The colour is peculiarly rich and brilliant; when beginning to bloom it is a pure scarlet, but when in full bloom it changes to a magnificent satiny deep scarlet, presenting thus, with these two brilliant colours, a lovely sight. It is well adapted for beds, groups, carpet bedding, or pot culture. Per pkt., 1s. 6d.

H.H.A. **IMBRICATED POMPONE ASTER**—The colouring is precisely the same as that of the Dwarf Chrysanthemum and Giant Emperor races. Fine for bouquets. 1s. per pkt.

H.H.A. **EMPEROR, or GIANT ASTER**—Also a very fine class of Pyramidal Asters, bearing large flowers. The centre flowers frequently measure 4 inches in diameter, much resembling shining satin; for pot culture and exhibition one of the best varieties. Mixed, 1s. per pkt.

H.H.A. **VICTORIA ASTER**—The finest variety in cultivation, and for exhibition purposes unequalled. Flowers perfectly double, imbricated, globular, and as large as the *Giant Emperor Aster*. Each plant on an average produces from six to eight flowers; habit very robust. Mixed, 1s. per pkt.

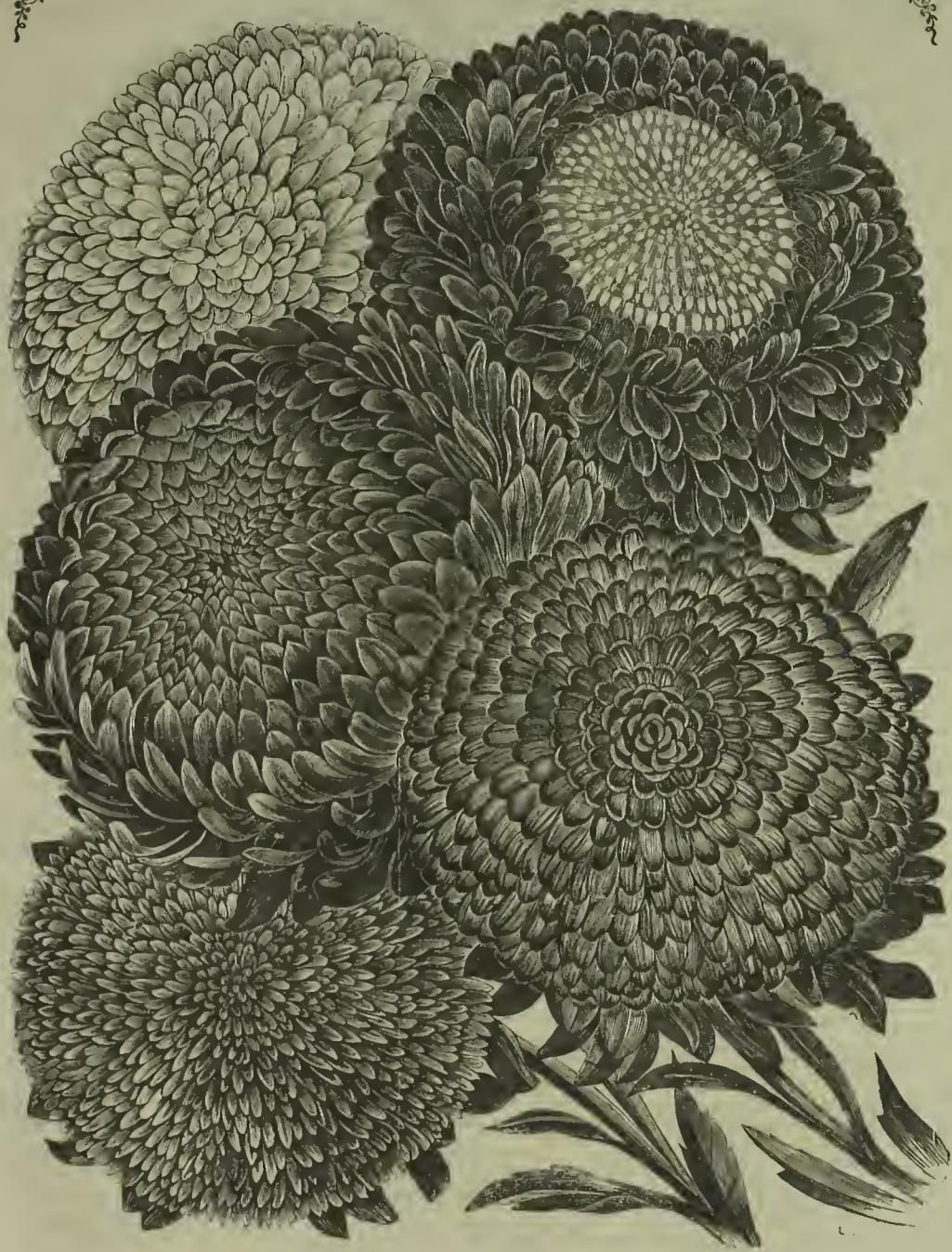
H.H.A. **VICTORIA ASTER DWARF**—A very dwarf class of the preceding, height about 12 inches. A suitable variety for pots. Mixed, 1s. per pkt.

H.H.A. **PURE WHITE VICTORIA**—All are, we presume, fully aware that the ordinary mixed colours of the Victoria variety are the most prized by growers of all the Asters. We need hardly say the value of a bed of pure white of this kind will at once be seen; we have much pleasure in offering this to our customers. 1s. & 2s. per pkt.

Mr. Amuss, Fern Villa, Whimbush, Hitchin, September 16th, 1890.

My Asters and Stocks from your seeds have been splendid, and admired by everyone who has seen them.

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Cannell & Sons' Complete Seed Guide.

H.H.A. ENGLISH QUILLED, OR GLOBE.

The Aster seeds now offered are unquestionably the most superb ever grown in England. In fact, we never saw such splendid large flowers, and so perfect in shape. The guard petals sit regularly round, and are thickly quilled, with very high centres: for size and shape they are superior to those usually seen at exhibitions. It is well known to all lovers of this class, that if home-grown it is superior to that imported. Our large Aster bed in September is generally the finest seen in England. Mixed, 1s. per pkt.

H.H.A. SHAKESPEARE ASTER.

Distinct kind, prettiest of all dwarf Asters. the plants forming a compact bush of 6 to 10 inches in diameter and only 6 inches high, producing extra double well-imbricated flowers. Very valuable for pot culture, edgings, and groups; extremely free blooming, and keeps in flower till the frost sets in. The finest colours mixed, 1s. per pkt.

H.H.A. HUMBOLDT ASTER.

A very elegant and large Pæony flowering variety of this much-admired section of Asters. They are, by their graceful growth, free-blooming, and extremely showy qualities, well adapted for groups. 10 to 12 inches high. 1s. per pkt.

H.H.A. DWARF CHRYSANTHEMUM-FLOWERED ASTER.

Can scarcely be too highly recommended, dwarf compact growth; large, beautifully shaped flowers, very suitable for bedding, and marginal belts to other tall varieties. Mixed colours, 1s. per pkt.

H.P. ASTER, PERENNIAL—From a splendid collection; sown early they will flower the same year. These are most useful for all kinds of decoration, and are also quite the fashion. Sow in heat. Mixed, 1s. 6d. per pkt.

For collections of plants of Perennial Aster, see *Floral Guide*.

H.H.A. AUBERGINE (EGG PLANT).

Handsone fruit-bearing annual, fine for table decoration. Sow in heat in March, pot off in rich soil; the chief thing is to keep them thoroughly free from insects. Mixed, 3d. per pkt.

H.P. AURICULA. Handsome favourite hardy perennials.



ALPINE.

Last year was most favourable for the production of Auricula seed, and we saved more from the true exhibition varieties than hitherto, putting all previous years together, and we are pleased to offer the real show Auricula seed of such quality as will be sure to give satisfaction. The same may be said of the Alpine varieties. All beginners of the cultivation of this splendid family should have a 1s. packet, now offered, from probably the best collection in the south of England. Seed sometimes take from three to six months to germinate.



SEEDLING.

Cannell & Sons' Complete Seed Guide.

H.P. AUBRIETIA ERUBESCENS.

Admirably adapted for spring bedding and rockwork; flowers reddish-white. 3d. per pkt.

AURICULAS, FINEST PRIZE SHOW VARIETIES, 2s. 6d. per pkt. ALPINE, 1s. per pkt.

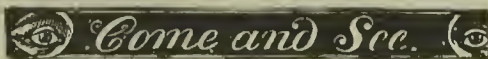
H.H.A. BARTONIA AUREA—Cup-shape flowers of a bright golden yellow, the centre resembling a bunch of fine yellow silk, foliage blue-green; very pretty. 3d. per pkt.

ORNAMENTAL FOLIAGE BEET.

H.A. BETA CHILIENSIS—This magnificent variety is admired by all who visit our Nursery. The gorgeous colouring of its broad-stemmed foliage cannot fail to render it a most effective plant either for borders or shrubbery. 3d. per pkt.

H.A. LEE'S BELVOIR CASTLE—A dwarf compact-growing Beet, with intensely dark purple glossy leaves, the best variety for flower garden decoration; the root also is excellent, being deep red, tender, and of good flavour. 3d. per pkt.

BALSAMS (Impatiens Balsamina Camelliæ flore).



Our 100-feet house was the finest sight of Balsams ever seen, and the many visitors to our "Home of Flowers" pronounced them grand, being so very double; but considering the number of plants grown, the crop of seed yielded is very limited.

Sow in March, in pans, and place on a brisk hot-bed. When the young plants are up, pot off into 3-inch pots, shifting into larger size as they appear to require it, 6 and 8-inch pots being sufficiently large for the last shift. The soil best suited is half good strong loam, and half rich rotten manure and leaf mould. A moist and genial atmosphere in a cold frame, exposed fully to all the light and air at all favourable opportunities, and as soon as the soil becomes exhausted let them be well supplied with liquid manure twice a week, for it is impossible to grow them good without it.



BALSAMS

Cannell & Sons' Complete Seed Guide.

H.H.A. BALSAM, CANNELL'S PERFECTION—Our house of these when in bloom is a grand sight. 1s. per pkt.


H.H.A. DWARF CAMELLIA-FLOWERED BALSAM—Imbricated double, large flowered. Lilac, rose, vermilion, pale lilac, bright rose; all colours mixed. 1s. per pkt.

**Half-packets at half-price of all Flower Seeds,
except Collections and Novelties, where priced 1s.
and upwards.**

For Penny Packets of Flower Seeds, see page 177 of this Catalogue.

TUBEROUS BEGONIAS.

BOTH SINGLE AND DOUBLE.

 **OUR BEGONIAS** are lovely indeed. Ten Houses, 100 feet each, filled with the choicest of the choice. Colours so wide, deep, varied, and brilliant, together with their short stiff growth and freeness in flowering, shows a marked development and advance on the ordinary strains. Our two acres out of doors, consisting of at least 200,000 plants, were all the season the grandest sight ever seen in this family. Our New Crimson Scarlets are a surprising advance. These, together with all our other trials of all the best flowers and vegetables, is a great horticultural treat, and should be seen by all so as to ensure success for next season.

JOURNAL OF HORTICULTURE.

"I dropped in at Mr. Cannell's. It is impossible to exaggerate the beauty of some of the flowers which I saw. I had only time to run through the grand Pelargonium house, the Ivy-leaved Pelargoniums, and the single and double Begonias; but what a blaze of beauty there was! Then, when one recollects the old Ivy-leaved Pelargonium, and sees the wondrous trusses of double flowers and beautiful colours which are yet to come out, we wonder what will follow. The same of Begonias. The marvellous single and double varieties are bewildering in their beauty. There was also a grand new Heliotrope, finer than anything I had seen. Had I been able to remain I should doubtless have seen many wonderful things, but I saw enough to convince me that the 'Home of Flowers' is in no danger of losing its reputation."

SOMERSETSHIRE RECTOR says:—"I saw Begonias at Swanley. Their beauty well repays a visit; the shape, colour, and habit are excellent. If anything is wanted where everything is so near perfection it is a more upright flower-stalk, which a few more seasons will certainly produce."

F. D. LYON, Esq., says:—"At Messrs. Cannell's establishment ALONE in all England can Begonias and Zonals be seen grown to perfection. With other collections of these families comparisons are odious."

The Press says:—"Cannell's Begonias were the centre of attraction at the great show at Liverpool, August 6th, 1888. Awarded First-class Certificate."

Frequent trains from London. Entrance from the station. All lovers of the best Flowers and Vegetables are cordially invited. No horticultural establishment is filled with such an amount of interesting objects as ours at all seasons. **SEND FOR A CATALOGUE.**

FIRST PRIZE at Regent's Park, April, 1890, for the best 12 Varieties.

We have received more First-Class Certificates and Awards of Merit than all other growers put together.

THE GREAT BEGONIA TEST.

Daily Chronicle, June 21st, 1888.

Begonias.—Mr. Cannell a Grand First. (7 entries.)

More important in point of honour and excellency than any other previous award; even that when we secured the Gold Medal of the Royal Horticultural Society.

Cannell & Sons' Complete Seed Guide.

Seeds sown 1st February.
Plant Photographed in August.



CANNELL'S COMPACTA GRANDIFLORA.



ORDINARY STRAIN
DESCRIBED AS EQUAL
TO OURS

CANNELL'S COMPACTA GRANDIFLORA, FL. PL.

Seeds sown 1st February.
Plant Photographed in August.



THE HORTICULTURAL TIMES.

F. D. LYON, Esq., one of our greatest authorities, says:—"At Messrs. Cannell's establishment ALONE in all England can Begonias and Zonals be seen grown to perfection. With other collections of these families comparisons are odious."

Cannell & Sons' Complete Seed Guide.

BE CAREFUL.

All purchasers of Begonias should be on their guard. Three English dealers have been running over the Continent, and securing any of the discarded varieties of the English amateur raisers, on purpose to do a rare stroke of business in advertising them at a cheap rate during the season. So please don't compare our strain with theirs in price and size of tubers; but should you have been tempted to purchase these "thrown-out" varieties, grow side by side with ours and see the habit of both, and you will ever regret growing such "trumpety kinds," and will be delighted with ours, the greatest florist gems you ever possessed.

Every seed is saved from ours, the finest named varieties in the world.

Full particulars, see New Plants and our General Collection in *Floral Guide*.

Scatter the Seed on a level, moderately firm surface, cover with glass and paper, keep it in darkness until germinated. Sow and place in heat at any time of the year, or as soon as the seed is ripe, pot the young seedlings off as soon as large enough, and re-pot when necessary; in three or four months they begin to display their beautiful blooms. For further particulars, see Collection, Floral Guide.

Seed separately saved, in the following colours, the large-flowering nest-shaped varieties. They possess far better habit and freeness in blooming than any others ever offered, which is confirmed by the unanimous decision of nearly all the greatest experts and connoisseurs. When competing at the great contest of the year, although there were seven entries, not one of them staged their exhibits. We simply mention this to show the great superiority of our kinds.

SINGLE BEGONIA IN DISTINCT COLOURS.

THE LADY (WHITE), 2s. 6d. per pkt.
TERRA COTTA, 2s. 6d. per pkt.
CRIMSON, 2s. 6d. per pkt.
SCARLET, 2s. 6d. per pkt.
ROSE, 2s. 6d. per pkt.
PRIMROSE, 3s. 6d. per pkt.

PINK, 2s. 6d. per pkt.
ORANGE SCARLET, 2s. 6d. per pkt.
YELLOW, 2s. 6d. per pkt.
BUFF, 2s. 6d. per pkt.
SALMON, 2s. 6d. per pkt.

SINGLE BEGONIA, Mixed, 2s. 6d. per pkt.

DOUBLE BEGONIA IN DISTINCT COLOURS.

APRICOT, 5s. per pkt.

TERRA COTTA, 5s. per pkt.

DOUBLE BEGONIA, Mixed, 5s. per pkt., 2s. 6d. per half pkt.

The Daily Telegraph, May 31st, 1889.

While the Begonias have been brought to such a state of perfection that they might well pass for roses, notably *Lady Dudley* and *Rosebud*.

ROYAL BOTANIC SOCIETY'S SHOW, REGENT'S PARK.

(The most attractive group in the show.)

The *Times*, June 20th, says:—"Some of Messrs. Cannells' Double Begonias were so large and full that they were mistaken for roses."

The *City Press* says:—"Of Begonias it will suffice to say that at the Royal Botanic Society's Show Messrs. Cannell obtained no less than eight First-Class Certificates. Plants of every description are grown at the Home of Flowers, but at the present time, owing to the great 'rage' there seems to be for them, the Begonias are those that engage the firm's special attention. In the Begonia Houses an interesting ceremony took place, the Lady Mayoress being asked by the senior partner of the firm to name three new varieties, specially hybridised seedlings, showing wonderfully fine properties, readily assented, and at Mr. Cannell's request two were named after the Chief Magistrate and his lady. The third new specimen was named Lady Kinnaid."

Cannell & Sons' Complete Seed Guide.

ROYAL BOTANIC SOCIETY'S SHOW, REGENT'S PARK.

The Illustrated London News, June 29th, 1889.

An exceptionally fine display of Double and Single Begonias by Messrs. Cannell & Sons, Swanley, was quite a revelation to many who have not watched the rapid progress that has been made in the development of this favourite flower, the group well deserving the Silver Medal awarded and Certificates granted to four new varieties.

Amateur Gardening, June 8th, 1889.

LORD MAYOR AT SWANLEY.—The Lord and Lady Mayoress of London, accompanied by a number of ladies and gentlemen, paid a visit on Saturday last to Messrs. H. Cannell & Sons' "Home of Flowers" at Swanley. Recently, too, visits were paid to the same establishment by the Lord Mayor of York and the Mayors of Adelaide and Sydney.

The same paper says:—

NEW TUBEROUS BEGONIA.—A novelty in Messrs. Cannell & Sons' fine group of Tuberous Begonias at the Temple Show last week created some excitement among Begonia enthusiasts, and was much admired by visitors in general. It was of medium size, delicate soft pink in colour, very double centre, and appropriately named "Rosebud," inasmuch as, in some respects, it strongly resembled a half-expanded Tea Rose. Being a decided acquisition to the now extensive Begonia family, it was awarded a First-Class Certificate.

Royal Botanic Society—MAGAZINE, 26th April, 1890.

Messrs. H. Cannell & Sons were the exhibitors of Begonias, and remarkably good were the specimens staged.

ROYAL BOTANIC, 14th June, 1890.

Messrs. H. Cannell & Sons contributed to the miscellaneous class a large and extremely beautiful collection of Tuberous Begonias, consisting exclusively of varieties raised by the firm.

Royal Botanic—JOURNAL OF HORTICULTURE, 24th April, 1890.

Messrs. H. Cannell & Sons won first honours for 12 Tuberous Begonias with handsome double and single varieties of beautiful types.

N. DANILEWSKY, Esq., Ministère des Affaires Etrangères, St. Petersburg, Russia,
14th November, 1890.

I am glad to say I succeeded in keeping up the well deserved reputation of your double Begonia Seeds in Russia. The specimens I raised were so beautiful that I resolved to exhibit them at the Russian General Horticultural Exhibition. I alone of the seven exhibitors of Tuberous Begonias received the highest prize, a gold medal. Your plants were very much admired, and I promised to do all that lay in my power to exhibit them in greater number in future. I labelled my plants "raised from the seeds of the English Horticulturists, H. Cannell & Sons, Swanley, Kent."

R. H. S.—June 25th.

"The Home of Flowers" contributed some enormous Canterbury Bells in several colours, and beautiful blooms of Balsams, Petunias, and Begonias.

Mr. G. HAWES, The Gardens, Wretbain Rectory, Thetford, March 6th, 1890.

Your White Perfection Primula is simply magnificent, the finest I have ever grown, and I feel sure if growers of this favourite flower were once to give it a trial the demand for seed in future years would be immense.

Mr. S. BURNOW, Gardener to W. North Row, Esq., Cove Manor, Tiverton,
February 17th, 1890.

The Primulas we had from you last year are the best I ever saw in my life. The fern leaved ones are splendid, both in foliage and bloom. I have plants now two feet across, with four to six trusses of bloom on them.

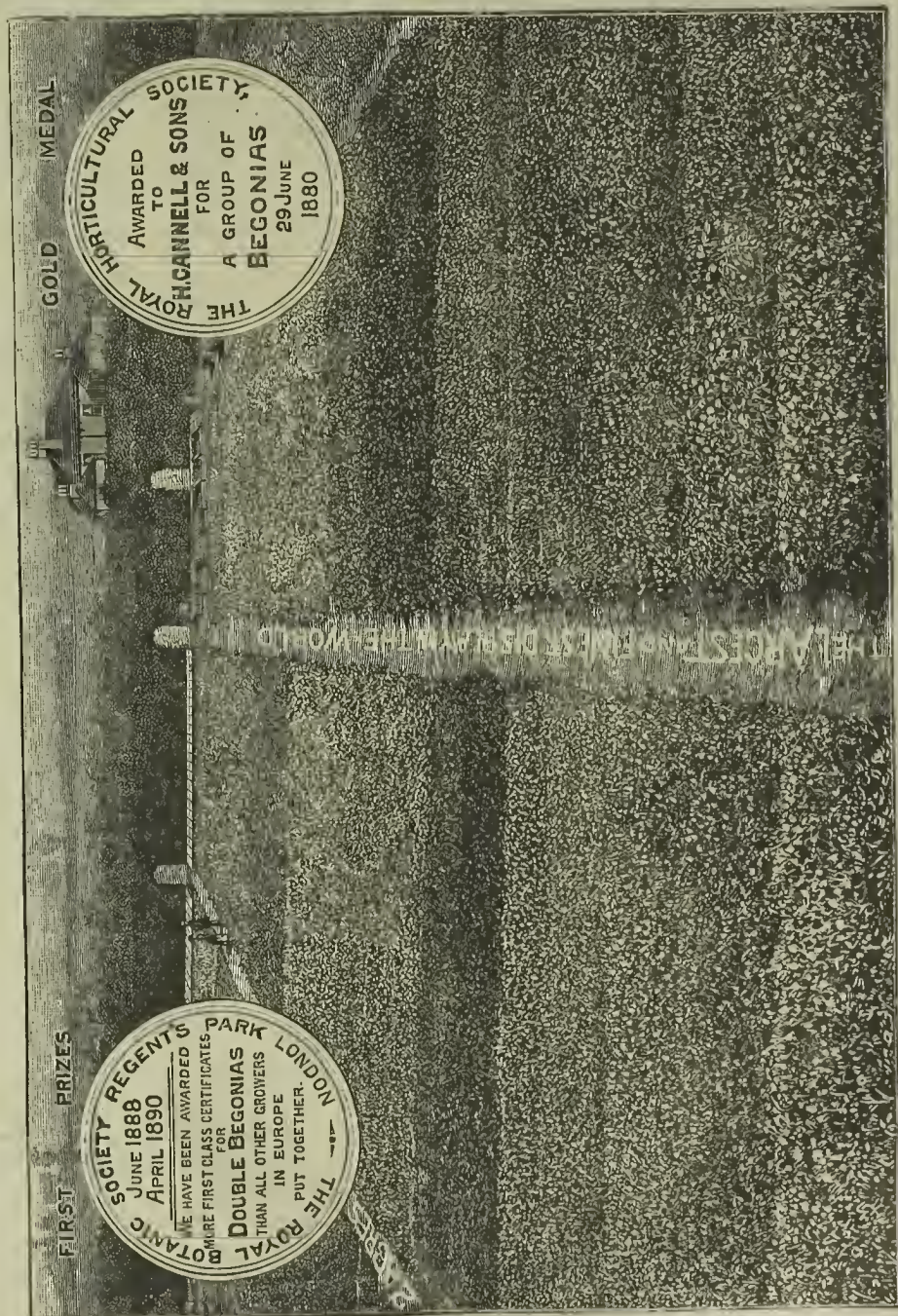
Mr. T. H. JAMES, Lancaster Glass Works, Lancaster. Erie Co., New York,
February 11th, 1890.

The *Cineraria* seed purchased of you yielded flowers beyond all comparison.

Midwinter Show—GARDENING WORLD, January 19th.

PRIMULAS.—Messrs. Cannell, at least, have nothing to fear, for their strain is one of the finest and most varied in the Kingdom.

Cannell & Sons' Complete Seed Guide.



FIRST PRIZES

SOCIETY REGENTS PARK LONDON
JUNE 1888
APRIL 1890
WE HAVE BEEN AWARDED
PURE FIRST CLASS CERTIFICATES
FOR
DOUBLE BEGONIAS
THAN ALL OTHER GROWERS
IN EUROPE
PUT TOGETHER.

THE ROYAL HORTICULTURAL SOCIETY
AWARDED
TO
H. CANNELL & SONS
FOR
A GROUP OF
BEGONIAS
29 JUNE
1880

100,000 SINGLE BEGONIAS.

100,000 DOUBLE BEGONIAS.

See our *Floral Guide* for grand new kinds. The best illustrated and-descriptive list ever published.



DOUBLE BEGONIA.

We have been awarded more First-Class Certificates than all other firms put together.

See full particulars in *Floral Guide*.

Cannell & Sons' Complete Seed Guide.

H.H.P. BEDDING BEGONIA—Best varieties. Mixed, 2s. 6d. per pkt.

H.H.P. BEGONIA METALLICA—Splendid sort, with beautiful metallic foliage, and numerous brilliant rose flowers. 2s. 6d. per pkt.

BEGONIA NITIDA—Beautiful deep green shiny foliage, and bearing fine flowers in clusters, of a pleasing silvery blush; distinct and good 1s. per pkt.

H.H.P. BEGONIA DAVISI—Bluish-green foliage, producing abundant flowers of brilliant scarlet; probably the best bedding Begonia yet raised. 2s. 6d. per pkt.

H.H.P. BEGONIA DAVISI FLORE PLENO—A beautiful double flowering variety of this universally-admired species; the flowers are very double and produced in the same abundance as those of the single variety. 2s. 6d. per pkt.

H.H.P. BEGONIA FROEBELI—This will be found very distinct, the flowers coming direct from the bulb; bright scarlet. 1s. 6d. per pkt.

H.H.P. BEGONIA SEMPERFLORENS MIXED (winter flowering)—Containing Mr. Iggulden's variety. 1s. per pkt.



BEDDING BEGONIA.



BEGONIA SEMPERFLORENS.

H.H.P. BEGONIA REX—Ornamental-leaved varieties saved from the choicest. 2s. 6d. per pkt.

H.H.P. BEGONIA WELTONIENSIS—One of the perpetual flowering and evergreen varieties, with small light rose flowers and bright green foliage. 1s. per pkt.

H.H.P. BEGONIA LARGE HYBRID SHOW KINDS, SINGLE. 2s. 6d. per pkt.

H.H.P. BEGONIA, DOUBLE MIXED—See Collection in Guide of the splendid varieties from which these are saved. 5s. per pkt.

H.P. BELLIS PERENNIS FL. PL. (Double Daisy.) Mixed, 6d. per pkt.

H.P. BELLIS PERENNIS FL. PL. "LONGFELLOW"—Comes true from seed, producing dark rose flowers of unusual size and doubleness, having flower-stalks of great length and stiffness, thereby rendering the flowers of considerable value for bouquets. 1s. per pkt.

H.H.B. BROWALLIA ELATA—Most valuable plants on warm borders; will also flower in warm greenhouse or conservatory during the late autumn months; flowers blue. 3d. per pkt.

H.H.B. BROWALLIA ELATA ALBA—White. 3d. per pkt.

H.A. CACALIA COCCINEA—Very showy border annual, flowers scarlet. 3d. per pkt.

H.A. CACALIA AUREA (LUTEA)—Yellow. 3d. per pkt.

H.A. CALANDRINIA GRANDIFLORA (Discolor)—Large rose-coloured flowers. 3d. per pkt.

H.A. CALANDRINIA SPECIOSA—Purple. 3d. per pkt.

H.A. CALANDRINIA SPECIOSA ALBA—White. 3d. per pkt.

GARDENERS' CHRONICLE, January 11th, 1890, says:—

With Tit'rous Begonias Messrs. H. Cannell & Sons have made great advances, especially in the double flowered kinds, and in the matter of producing a very dwarf, compact, and extraordinarily floriferous strain.

Cannell & Sons' Complete Seed Guide.

CALCEOLARIAS.

Our house of these is a great feature with us, and to hear the exclamations of the many visitors, "Why, I have never seen any like these before; they are handsome," is quite cheering. The fact is we have saved the seeds from the rarest colours, and really at first sight they appear to be a new family. Pray remember the crop of seed is considerably less from these uncalceolaria-like colours than from those where the colours are nearly all yellow, and flowers as long and as ugly as an old slipper—so do not complain of the small quantity of seed in the packet.

The Seed germinates best without heat, and should be sown in pans or pots, following the directions here given as nearly as possible:—The pots to be half filled with drainage, over which place the rough siftings of the mould, filling up the pot with very fine soil, half of which should be composed of sand. When thus prepared, water through a fine rose, and carefully sow the seed, but do not cover it. Place the pots in a close and totally dark frame, or under a square of glass. The moment they show the seed leaf, gradually expose to the light, taking care to protect from exposure to the sun. When the seedlings are strong enough, prick them off into pans prepared as before, and placed in a similar position. From the store pans pot off singly, placing them in a cold frame or near the glass; the main thing is never to let them become dry, starved, and pot bound, if so the fly will attack them, and they will never make good plants. Those directions apply to nearly all seedlings.



CALCEOLARIA, SWANLEY-HYBRID DWARF PERFECTION.

ACKNOWLEDGED TO BE THE FINEST STRAIN IN THE WORLD.

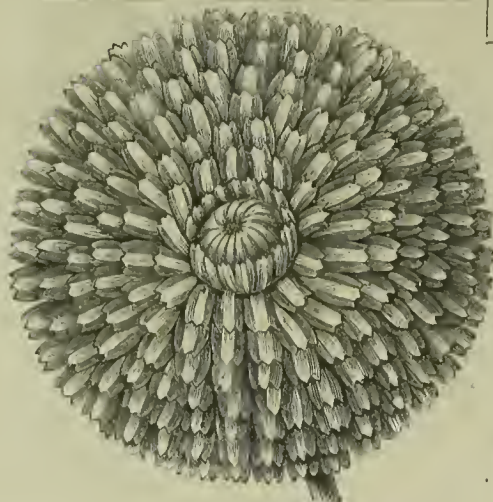
The common error and the cause of nearly all failures—the seed is sown too early. Plants become too large, and often for the want of either root or top room have to stand still, as it were, and the moment the roots become stagnant they go backward, and when so they become stunted, insects attack them or yellow foliage sets in, and perfection is lost. Sow in August, and from the moment they are up do everything to keep them growing, and the faster the better. Rain water is absolutely necessary. Let them be carefully shifted from the small pot to the 4-inch. Let the night temperature and moisture be such as to cause a nice refreshing dew to stand on the surface of the leaves every morning, this wards off insects and gives vigour to the plant, but it should be dispelled during the day by the admission of air. (See important cultural directions given for Cinerarias.) Keep them in a cold frame, with plenty of air and moisture at all favourable times. No frost must touch them. The grand secret is to keep all green fly away, and if coddled in a house they are almost sure to be attacked, if so the most effectual means must be adopted, by placing them in a lofty position, and fumigating as per directions given (see Guide); and at the very moment of the first curled leaf every fly must be destroyed. As soon as the first root appears at the drainage hole let them be shifted intact and without injury into their blooming pots, making sure that every pot is well drained, for no plant is more liable to become sickly and yellow in wet, sour soil than the Calceolaria. On the first signs of sharp weather, place in a house near the glass, with temperature not above 50°, with plenty of moisture, and as soon as the pots become well filled with roots give liquid manure once a week, and stake out and fumigate thoroughly just before they show flowers, and the result will be a grand sight. Some plants die off suddenly at the blooming time; this is generally caused by over watering. See cultural directions for Primulas.

Cannell & Sons' Complete Seed Guide.

The size of the largest and smallest Calceolarias that all our seed is from.



CALLIRHOE PEDATA.



CALENDULA OFFICINALIS "METEOR."

G.P. CALCEOLARIA, SWANLEY, or HYBRID DWARF PERFECTION. — Our Calceolarias are well known, and are now generally grown throughout the world. Beyond all question the finest strain. All these have been specially hybridised with the best shrubby kinds, and all having this seed may look for something quite different to anything hitherto seen in Calceolarias. Probably the greater part of the flowers produced will be selfs, with stronger and better habit. Testimonials confirming this are innumerable, and the 100-feet greenhouse is, when the plants are in full bloom in May, a sight never to be forgotten. 2s. 6d. per pkt.

H.A. CALENDULA OFFICINALIS FL. PL. "METEOR"—A splendid variety, with large and beautifully imbricated striped flowers, the colours of a deep brown-orange on a pale straw-coloured, almost white, ground; the stripes are very striking, and of the greatest regularity. Has been proved to come quite true from seed, and is highly recommended. 3d. per pkt.



CALLIOPSIS CORONATA.



CALLIOPSIS TINCTORIA.

Canuell & Sons' Complete Seed Guide.

H. A. CALENDULA "ORANGE KING."—This excellent new variety represents the highest possible perfection in the class of Double Calendula. The plant grows from 8 to 10 inches high, quite regularly, and bears freely a great number of flowers of extraordinary size. The flower is faultlessly shaped and of a very dazzling deep orange colour. 6d. per packet.

H. A. CALLIOPSIS CORONATA—Yellow-brown spots; very pretty. 3d. per pkt.

H. H. P. CALCEOLARIA SHRUBBY—Dwarf bedding varieties. 1s. 6d. per pkt.

H. A. CALLIOPSIS DRUMMONDI—Flowers yellow, with brown centre; one of the best. 3d. per pkt.

H. A. CALLIOPSIS TINCTORIA—Yellow and crimson; valuable. 3d. per pkt.

H. H. A. CALLIOPSIS CARDAMINIFOLIA—Flowers very dark; handsome. 3d. per pkt.

H. A. CALLIRHOE PEDATA—Purple, enp shaped. 3d. per pkt.

H. A. CALLIRHOE NANA—Dwarf; dark rose. 3d. per pkt.

H. P. CAMPANULA CARPATICA—About a foot high, covered with large erect blue flowers. 3d. per pkt.

H. P. CAMPANULA CARPATICA ALBA—Flowers white. 3d. per pkt.

H. P. CAMPANULA CARPATICA PALIDA—Very pale blue; pretty. 3d. per pkt.

H. P. CAMPANULA CELTIDIFOLIA—Produces light blue flowers; blooms first season. 3d. per pkt.

H. P. CAMPANULA GRANDIFLORA—(Platycodon grandiflorum)—Large blue flowers in autumn; effective. 1s. per pkt.

H. P. CAMPANULA GRANDIFLORUM ALBUM—Flowers pure white. 1s. per pkt.

H. P. CAMPANULA LATIFOLIA—This produces stout stems 3 feet high, bearing large blue flowers in great abundance. 3d. per pkt.

**H. B. CAMPANULA MEDIA CALYCAN-
THEMA**—Blue. 3d. per pkt.

**H. B. CAMPANULA MEDIA CALYCAN-
THEMA ALBA**. 3d. per pkt.

Two splendid showy varieties of Canterbury Bells, the calyx forming an elegant cup round the base of the bell, and being of the same beau-

tiful colour as the corolla. These varieties come quite true from seed.

H. B. CAMPANULA MEDIA (Double Canterbury Bells, Mixed) 3d. per pkt.

H. P. CAMPANULA PYRAMIDALIS—(Chimney Campanula)—This when in bloom is very handsome; pale blue, tall. 3d. per pkt.



H. A. CAMPANULA SPECULUM (Venus Looking-Glass)—Blue; very pretty annual for borders, rock-work, &c. 3d. per pkt.

**H. A. CAMPANULA SPECULUM FL.
ALBO**—White. 3d. per pkt.

H. P. CAMPANULA TURBINATA—Flowers blue; dwarf. 3d. per pkt.

H. P. CAMPANULA TURBINATA ALBA—White. 3d. per pkt.

Daily Chronicle, September, 1887:—"A grand group of seedling Tuberous Begonias, most effectively arranged, &c. These, though only seedling forms, showed wonderful improvement on existing varieties obtained by similar means."

NATIONAL CHRYSANTHEMUM MIDWINTER EXHIBITION AT AQUARIUM,
11th January, 1890.

Primulas were another feature, and Messrs. H. Canuell & Sons made a capital display of well-grown and flowered plants. One named *Progress*, rich carnine, large single flower, is worthy of note; *White Perfection* and *Improved Emperor* were also good.

Cannell & Sons' Complete Seed Guide.

H.A. CANDYTUFT.

CARNEA—Flesh colour. 3d. per pkt.

CRIMSON—Extra. 3d. per pkt.

ROCKET—White. 3d. per pkt.

LILACEA—Lilac. 3d. per pkt.

WHITE TOM THUMB—Very dwarf, good white. 3d. per pkt.

SWEET SCENTED—White. 3d. per pkt.

PINK—Quite a distinct variety, pretty colour; should be grown in every garden. 6d. per pkt.

MIXED. 3d. per pkt.



CANDYTUFT ROCKET.



CRIMSON CANDYTUFT.



CLEMATIS, CANTERBURY BELLS.

Cannell & Sons' Complete Seed Guide.



CAMPANULA.

H.B. CANNELLS' CLEMATIS, CANTERBURY BELLS—The greatest and most surprising novelties are our Canterbury Bells; their singularity of shape, which the illustrations truly represent, come perfectly true from seed, and being quite hardy should be in every garden. Habit very dwarf, and so free that the whole plant, when in full flower, presents one surface of colour. Shape of flower extremely striking. Mixed, in several delicate and pleasing colours. 1s. per pkt.

Mr. WM. SAMPSON, Gardener, Spey Street, Invercargill, New Zealand,

September 22nd, 1890.

The Primulas from the seed I had of you last year were grand, some of them measured over 2½ inches across.

Mr. T. PEACOCK, Carlisle, *September 3rd, 1890.*

I was first with four stands of cut flowers from your seeds. The Petunias were splendid, and admired by everyone.

Mr. L. M. SNORR, Florist, Kingston, New York, U.S.A., *July 11th, 1890.*

The Rainbow Pansy Seed received from you is growing beautifully, every seed must have germinated, judging from the quantity of plants.

Cannell & Sons' Complete Seed Guide.

H.B. CANTERBURY BELLS. OUR NEW (CUP AND SAUCER) VARIETIES.

1s. per pkt.

H.B.	CANTERBURY BELLS, SINGLE—Blue.	3d. per pkt.	)	Single, many shades.
"	" " —White.	3d. per pkt.	)	Our own collection.
"	" " —Pink.	3d. per pkt.	)	Mixed, 3d. per pkt.



H. M. SANDERS, Esq., Chase Town, near Walsall, *February 25th, 1890.*

The Stocks (ten-week) I had from you last year turned out grand, most of them bearing from 18 to 20 spikes of bloom. I consider this extra good for the centre of Cannock Chase.

Royal Botanic—GARDENING WORLD, May 18th.

Messrs. H. Cannell & Sons, Swanley, had by far the best Calceolarias, taking first prize.

Cannell & Sons' Complete Seed Guide.



Mr. B. C. WILLIAMS, Crosswood Park, Aberystwith. *July 4th, 1890.*

I take this opportunity of telling you that the Calceolarias from the seed we obtained of you last year turned out well. We had some fine plants, and a better strain I never wish for.

Mr. T. PENTON, Gardener, Grateley House, *January 30th, 1890.*

I beg to say the packet of Cyclamen seed I had from you last January has produced over 100 plants, and are now a whole mass of bloom, and admired by all who see them.

Mr. Jos. BOOKER, Searlets Park, Twyford, *January 21st, 1890.*

I carried off first prize last year at the Reading Show with Balsams supplied from your establishment.

T. H. BLANDFORD, Esq., 61, Richmond Road, Montpellier, Bristol, *September 5th, 1890.*

I must express the great pleasure it gave me to visit "The Home of Flowers" the other day, it will be a long time before I forget it. My only regret was that I could not spend more time in your charming houses.

Mr. W. PAYN, The Gardens, 11, East Combe Villas, Blackheath, S.E., *July 10th, 1890.*

I am pleased to say that everything received from "The Home of Flowers" has given complete satisfaction to employer and myself.

Mr. W. E. ENDICOTT, Canton, Mass., U.S.A., *February, 1890.*

I had 100 of your ordinary Seedling Begonias last year, and they were very much finer than the German, French, Italian, and Belgium varieties (some of them high priced) in the same house. What then must your extra quality seedlings be?

Cannell & Sons' Complete Seed Guide.



THE LAST.

No seeds can be offered of this for two years. We simply show these engravings to give an idea of the labour and attention we bestow on the improvements of all flowers and vegetables, even the Canterbury Bells, we are proud to say, have yielded to our endeavours. Not only are these Bells immensely large, but, it will be seen, treble in size, and shape more like as if they were mechanically made than of the ordinary growth.

H.H.A. **CAPSICUM RUBY KING**—Colour beautiful ruby crimson. 1s. per pkt.

H.H.A. **CAPSICUM ANNUUM** (Prince of Wales)—Charming plant for decoration, beautiful green-shaded foliage, fruit bright golden yellow. 3d. per pkt.

H.H.A. **CAPSICUM ANNUUM**, from China—Ornamental fruiting varieties. Mixed, 3d. per pkt.

H.H.P. **CANNA**—Saved from the best named kinds. 1s. per pkt.

H.B. **CARDUUS MARIANUS** (Ornamental Thistle). 3d. per pkt.

CARNATIONS AND PICOTEES.

H.P. **CARNATIONS**, mixed. 2s. 6d. per pkt.

H.P. **PICOTEES AND CARNATIONS**, mixed. 2s. 6d. per pkt.

H.P. **PICOTEES**. 2s. 6d. per pkt.

H.P. **TREE, or WINTER FLOWERING CARNATIONS**, saved from the best varieties 2s. per pkt.

Sow in June, and treat them like *Calceolarius* until September; after that to be kept in a cool frame.

For Collections of Carnation and Picotee, see page 83.

Cannell & Sons' Complete Seed Guide.



CARNATION.



PICOTEE.

Cannell & Sons' Complete Seed Guide.



CELOSIA JAPONICA.

H.A. CATCHFLY, LOBEL'S RED (*Silene Armeria*)—Very showy, early flowering plant. 3d. per pkt.

H.A. CATCHFLY, LOBEL'S WHITE. 3d. per pkt.

O.A. CELOSIA PLUMOSA NANA—A very handsome, dwarf, bright crimson sort of the feathery Cockscombs, of regular pyramidal growth; well adapted for pot culture as well as for flower beds. 1s. per pkt.

O.A. CELOSIA HUTTONI—Bright crimson, very effective. 1s. 6d. per pkt.

G.A. CELOSIA JAPONICA, or NEW JAPAN COCKSCOMB—The branches, from the roots to the smallest leaf vein, are scarlet or crimson, the combs are almost as delicately cut as ruffled lace, often in pyramidal masses, while the colours are of the brightest description imaginable. 1s. per pkt.



CELOSIA PLUMOSA NANA.

O.A. CELOSIA JAPONICA VARIEGATA—Valuable novelty, the plants of which form handsome pyramids of 24 to 28 inches in height, decorated with striped combs of brilliant yellow and purple-carmine. It has been proved to come true from seed. 1s. per pkt.

G.A. CELOSIA PYRAMIDALIS AUREA (Golden). 1s. per pkt.

G.A. CELOSIA PYRAMIDALIS COCCINEA. 1s. per pkt.

G.A. CELOSIA PYRAMIDALIS VERSICOLOR—A tall feathery Cockscomb of several beautiful colours; if properly grown cannot fail to be appreciated. 1s. per pkt.

G.A. CELOSIA SPICATA ROSEA—Crimson, with shaded maroon foliage. 3d. per pkt.

The above to be treated like the Amaranthus, only to be kept in pots, as they are more for indoor decorations.

H.A. CENTAUREA MOSCHATA PURPUREA (Purple Sweet Sultan). 3d. per pkt.

H.A. CENTAUREA MOSCHATA ALBA (White Sweet Sultan). 3d. per pkt.

H.A. CENTAUREA CYANUS, BLUE (Cornflower). 3d. per pkt.

H.P. CENTRANTHUS MACROSIPHON—Very pretty, pink; 2 feet high. 3d. per pkt.

Mr. H. HOCOMBE, Gardener to EDWARD PRICE, Esq., Rookery, Wellington, Somersetshire,
November 17th, 1890.

I must say all the things we have had from you have turned out exceedingly well.

Mr. MARK W. BENNETT, St. Michael's, Ashford, Kent, June 26th, 1890.

The Primula Seedlings arrived safe yesterday, and were everything I could desire. My visit to your nursery yesterday was a real treat, and for your kindness in shewing me through I thank you.

Cannell & Sons' Complete Seed Guide.



CELOSIA SPICATA ROSEA.



CHAMÆPEUCE DIACANTHA.



CHELONE BARBATA.

H. H. P. **CENTAUREA RAGUSINA** (Candidissima)—The best of the genus for bedding purposes, and a very valuable decorative plant for conservatory or other purposes; its large silvery white leaves form a fine contrast when grouped with other plants; as an ornamental bedding plant it is unequalled by any in cultivation with similar foliage. 1s. 6d. per pkt.

H. H. P. **CENTAUREA GYMNOCARPA**—Rose-purple flowers, silvery-white; pinnatifid foliage. 1s. per pkt.

H. A. **CENTAUREA CYANUS**—The beautiful Cornflower, much used for floral decoration, bouquets, &c., mixed, containing, blue, pink, and white. 3d. per pkt.

H. A. **CENTAUREA SUAVEOLENS** (Sweet Sultan)—Well known, a very useful plant, flowers bright yellow, 1½ feet high. 3d. per pkt.

H. P. **CENTAUREA CLEMENTEI**—Robust growing; white foliage variety. 1s. per pkt.



CHRYSANTHEMUM CARINATUM.

H. P. **CERASTIUM TOMENTOSUM**—A white foliage miniature plant for edgings or rock work. 1s. per pkt.

H. H. B. **CHAMÆPEUCE DIACANTHA** (Ground Pine Thistle)—Magnificent ornamental foliaged biennial Carduinea, with long leaves thickly set with spines symmetrically arranged. 3d. per pkt.

H. H. B. **CHAMÆPEUCE CASABONÆ**—(Fish-bone Thistle). 3d. per pkt.

Cannell & Sons' Complete Seed Guide.



OUR PERFECTION CINERARIA IN FULL FLOWER.

First Prize at Regent's Park Great Show, 1888, was awarded to us.
It should be remembered that we grow and save seed from the most complete and named collection in the World.

Universally admitted the finest strain extant. Several First-Class Certificates and Medals have been awarded our Plants.



G. P. CINERARIA (Single), First Prize—This seed is saved from our best-named collection in the world. 2s. 6d. per pkt.

Cannell & Sons' Complete Seed Guide.

❖ C I N E R A R I A S . ❖

They are lovely, both Single and Doubles, during March and April; by far the finest named collection in the world—like all our strains, the best that can be obtained. They were awarded the First Prize in open competition last year at Regent's Park, and at the Quinquennial Exhibition at Ghent, although there was great competition, even from Paris, ours far outdistanced all, and we were awarded the Silver Medal.



CANNELLS' GRANDIFLORA CINERARIAS.

Although hardier in growth, and requiring less care than *Calceolarias*, the treatment for raising seed, &c., is the same; if required to flower in winter, seed must be sown in May or June. The secret of growing well is to grow fast, never allowing them to receive a check, either from being pot bound, dryness of root or attack of insects, the cooler they are kept the better, just preventing frost reaching them, and giving abundance of air; precisely the same treatment and remarks given for *Calceolaria* apply to the *Cineraria*, except larger pots must be allowed for root action, and rather stronger liquid manure. The main thing is to keep them growing quickly from the seedling up to the blooming period, avoiding all other plants that are at all likely to be infested with insects. If the green aphid is not kept thoroughly away there will not be a bloom worth seeing. Every possible means and precaution must be adopted to keep the foliage full of life and vigour. See every morning that the points of their leaves stand erect, and that the foliage is slightly covered with dew-like moisture, and the centre or heart is stout and bold, that their white silver bristles, or respiratory organs, round the stems or leaves are fresh and full of health, and stand out and show conspicuously when the sun shines; avoid dust, and make sure that no other than perfectly clear rain-water ever goes near the foliage. Of course at all times the keenest observation of extreme temperature must be made for cold, cutting draughts, or a too glaring sun, and warmth must be avoided, otherwise fine healthy plants and valuable time will be lost. See important cultural particulars given for *Cyclamen* and *Calceolarias*, and how to use our "Real Manure," see *Floral Guide*.



SINGLE CINERARIA.

(See Floral Guide.)



CHRYSANTHEMUM LORD BEACONSFIELD
AND SULTAN.

Cannell & Sons' Complete Seed Guide.



G.P. CINERARIA HYBRIDA DOUBLE. 2s. 6d. per packet. (See Floral Guide.)

H.P. CINERARIA MARITIMA—Beautiful silver-foliaged bardy perennial; very attractive in beds, mixed borders, and rockwork. 3d. per pkt.

H.A. CHRYSANTHEMUM CARINATUM (Tricolor)—White and yellow band, brown centre. 3d. per packet.

H.A. CHRYSANTHEMUM CORONARIUM (Double)—This variety is very useful; valuable for cut flowers, and of very easy growth, white and yellow mixed. 3d. per pkt.

H.A. CHRYSANTHEMUM SULTAN and LORD BEACONSFIELD—Edged and striped with gold, maroon, and white. 3d. per pkt.

H.P. CHRYSANTHEMUM LEUCANTHEMUM GRANDIFLORUM—Is another

plant which hitherto has been considered a weed, but the one now offered is an improved variety, and is called *grandiflorum*, and where cut flowers are in great request from May to frost, no more useful plant is grown; in fact, it is a most remarkable plant, for it is pretty and grows anywhere, and the enormous quantity of flowers it produces is truly wonderful; it should be in every garden and on every table. A threepenny packet of seeds will give barrow-loads of bloom, with no trouble. 3d. per pkt.

H.H.P. CHRYSANTHEMUM ÉTOILÉ D'OR (Marguerite)—Yellow. The largest and most beautiful of the Paris Daisies. 1s. per pkt.

H.P. CHRYSANTHEMUM GRANDIFLORUM (Marguerite)—Large-flowering White Marguerite. 1s. per pkt.

GARDEN, 1st March, 1890.

CINERARIAS. — When Messrs. Cannell raised *March Past* about 10 years ago, and which was certificated by the Royal Horticultural Society on April 26th, 1880, a strong impetus was given to the flower, and in the beautiful strain at Swanley now approaching fullest beauty there is the *March Past* character strongly represented—a fulness of form, width of petal, substance, and regular and circular outline that constitute the great excellence of the florist's Cineraria of to-day. Several varieties of Double Cinerarias, that have a great improvement on their predecessors, were raised recently by Messrs. Cannell, all fully double, and giving bright hopes for the future of this section.

ROYAL HORTICULTURAL SOCIETY, 15th March, 1890.

Award of Merit to Messrs. H. Cannell & Sons for their strain of Cinerarias, which is distinguished by the dwarf, neat habit of the plants, and the large size, superb form, and effective colouring of the flowers.

GARDEN, 28th April, 1888.

Messrs. Cannell & Sons — A splendid collection of Double Cinerarias; more effective than the single varieties.

GARDEN, 21st April, 1888.

The Double Cinerarias from Messrs. Cannell were admired for their perfect culture.

Cannell & Sons' Complete Seed Guide.



CHRYSANthemum INODORUM PLENISSIMUM.



CHRYSANthemum LEUCANTHEMUM
GRANDIFLORUM.



CHRYSANthemum HYBRIDUM FL. PL.



CHRYSANthemum SEGETUM GRANDIFLORUM

H. A. CHRYSANthemum HYBRIDUM
FL. PL.—Remarkably beautiful and exceedingly
showy. 3d. per packet.

H. P. CHRYSANthemum INODORUM
PLENISSIMUM—Produces a large percentage
of double white flowers. 6d. per pkt.

Cannell & Sons' Complete Seed Guide.



CHRYSANTHEMUM CARINATUM (TRICOLOR) "ECLIPSE."



CHRYSANTHEMUM CORONARIUM.

H.A. **CHRYSANTHEMUM CARINATUM (TRICOLOR) "ECLIPSE,"** *syn. W. E. GLADSTONE*—It is very seldom that a really good and conspicuous annual makes its appearance, such as will surprise and please everyone. We believe that these will give universal satisfaction, for they are just the shape and coloured flowers to be generally liked; and none are more useful for cut flowers. For shape, *see* engraving. Colour yellow, delicate and pretty; some have purple, brown, and other shades of colour round the base. To be sown and treated the same as Asters or Marigolds, and they will flourish and produce innumerable flowers in any sunny situation. 1s. per pkt.

H.A. **CHRYSANTHEMUM SEGETUM GRANDIFLORUM**—An improved form of the common English variety of our fields; if sown at Christmas it gives abundance of splendid yellow flowers all the spring. Its lovely flowers are most useful in our homes, and although common, is always a favourite with ladies. 3d. per pkt.

H.A. **CLARKIA ELEGANS**—An elegant and profuse flowering annual; lilac-rose. 3d. per pkt.

H.A. **CLARKIA FL. PL. PURPLE KING (Hardy's)**—Exceedingly pretty and distinct. 3d. per pkt.

H.A. **CLARKIA FL. PL. SALMON QUEEN (Hardy's)**—Exceedingly pretty and distinct. 3d. per pkt.

H.A. **CLARKIA (Hardy's)**—Mixed, beautiful large double flowers. 3d. per pkt.

H.A. **CLARKIA MRS. LANGTRY**—Pure white, centre brilliant carmine-crimson. 3d. per pkt.

H.A. **CLARKIA PULCHELLA**—Rosy purple. 3d. per pkt.

H.A. **CLARKIA PULCHELLA ALBA**—Beautiful white. 3d. per pkt.

H.A. **CLARKIA PULCHELLA**—Mixed. 3d. per pkt.

H.M.P. **COLEUS**—Our own choice collection. Saved from the very best golden-edged kinds, and there can be no doubt it will produce some fine new and distinct varieties. For culture, *see* "Floral Guide." 2s. 6d. per pkt.

Gardeners' Magazine:—"Messrs. CANNELL & SONS exhibited a large collection of Cinerarias, which, having regard to the high quality and effective colouring of the flowers, the plants may be described as the finest that has yet been placed upon the exhibition stage."

The *Gardeners' Chronicle* said:—"Here CANNELL & SONS upheld the honour of their country."

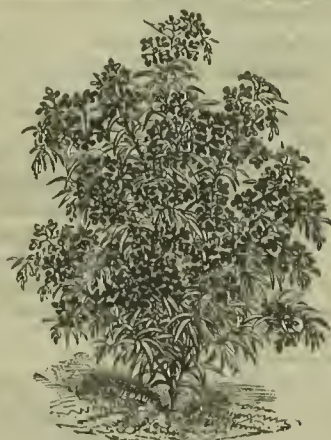
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HARDY'S CLARKIA.



COLEUS.



CLARKIA PULCHELLA.

Cannell & Sons' Complete Seed Guide.

NEW HYBRID COCKSCOMBS.

The many hundreds who honoured us with a visit last summer will acknowledge that one of our 100-foot houses, filled with Cockseombs, contained the most magnificent lot of this family ever seen in England, perhaps in the world. Hitherto, one or two colours has been the extent of the varieties, whereas we have now a dozen distinct colours. All are of rich satiny colour, such as bring forth the expression, "Had I not seen these I could not have believed they would have caused such a glare." Many had perfectly arched heads more than 2 feet over, and every seed is from those which had combs quite equal to the engraving. Mixed, 2s. 6d. per pkt.



G.A. SWANLEY DWARF — Intense crimson. The best for market purposes, only averaging 6 to 9 inches high. 1s. 6d. per pkt.
G.A. GLASGOW PRIZE—1s. 6d. per pkt.

G.A. EMPRESS — Very tall, but colours most brilliant, and grow to an immense size. 1s. per pkt.

H.H.P. CLIANTHUS DAMPIERI (The Glory Pea of Australia)—This flower once seen can never be effaced from the memory—the memory may be from the flower. It at once makes it clear that it is a flower of the greatest possible beauty, and so it is. No lover of flowers should rest content until he has either seen or grown this, the most brilliant of the Australian plants. True, it is rather difficult to grow, like many other plants, but if seed is sown in April, in heat, after attaining the height of three inches, exposed to all the light and sun in a temperature of 60 to 70°, and well looked after, it will cause such a furor in the neighbourhood that it would be difficult to restrain people from coming to see. It likes rather poor gravelly or sandy soil. Seeds should be soaked in water till they swell, and then be covered with a quarter of an inch or less of sandy soil, and pressed down with the hand. It is always best to sow where it is wanted to grow, as the young plants do not like being shifted. 1s. per pkt.



COLLOMIA COCCINEA.

H.A. COLLOMIA COCCINEA (Phlox-worts)—Scarlet; blooms in July. Sow the seed either in the spring or autumn. 3d. per pkt.

Cannell & Sons' Complete Seed Guide.



CONVOLVULUS (IPOMÆA PURPUREA) MAJOR.

H. A. CONVOLVULUS MAJOR — Finest mixed. 3d. per pkt.

H. A. CONVOLVULUS MINOR—Crimson violet flowers, very striking; bright yellow eye, encircled with a band of snowy white, broadly margined with rich crimson-violet, varying in some blooms from bright violet to rich velvety purple-crimson. 3d. per pkt.

H. A. CONVOLVULUS MINOR — Blue. 3d. per pkt.

H. H. P. COBÆA SCANDENS—Purple-lilac, large bell-shaped flowers, a rapid growing climber, producing a grand effect under glass, and during summer on south walls, verandahs, arbours, &c. 3d. per pkt.

H. H. P. COBÆA SCANDENS ALBA—White. 1s. per pkt.

H. A. CLINTONIA ELEGANS—Beautiful little annuals, very suitable for edgings or rockeries; sow in heat with care as the seed is very minute. 3d. per pkt.

H. A. CLINTONIA PULCHELLA ALBA—3d. per pkt.



COBÆA SCANDENS.

H. A. COLLINSIA GRANDIFLORA —Purple. 3d. per pkt.

H. A. COLLINSIA BICOLOR CANDIDISSIMA—White, very pretty dwarf spring flowering annual. 3d. per pkt.

H. A. COLLINSIA MULTICOLOR MARMORATA—White and rose; very pretty. 3d. per pkt.

COREOPSIS—See Calliopsis.

H. P. CRESS, VARIEGATED BROAD-LEAVED (*Barbarea vulgaris* var.)—For the winter and the spring flower garden this is a charming plant, the rich green polished surface of the leaves is profusely blotched with golden variegations; 6 inches high. To be sown under a shady hand-light in July. 3d. per pkt.

Cannell & Sons' Complete Seed Guide.

H.A. **CONVOLVULUS MINOR TRICOLOR ROSEUS**—A charming new variety, 10 to 12 inches high. The centre of the rose-coloured flowers is surrounded with purplish violet and changes towards the throat into five broad golden-yellow rays. 3d. per pkt.

H.A. **COLLINSIA HETEROPHYLLA**—Rich colour. 3d. per pkt.
H.P. **CRUCIANELLA STYLOSA** (Cross-wort)—Pink; very dwarf. 3d. per pkt.



CONVOLVULUS TRICOLOR ROSEUS.

CYCLAMEN PERSICUM.

OURS ARE THE FINEST AND THE NEAREST PERFECTION EVER SEEN.

During the spring our two houses, filled with the best Hybrids, is one of the grandest floral sights round London. We invite all to come and see how, and from what, we save our seeds.

Cyclamen, although so beautiful, yet how seldom do we see them grown well, except by a few, yet to alter this their few natural wants should have attention, and merely mentioned to be thoroughly understood, then the result would be the reverse.

Sow seeds thinly, in a compost of two parts turfy yellow loam, one of peat and leaf mould mixed together, and one part of thoroughly decayed cow-dung sifted very fine, and a little silver sand; cover the seeds to the depth of a quarter of an inch; place the pots on a shelf in the greenhouse near the glass in the winter and in summer in any shaded pit. Under no circumstances must the surface of the soil become dry. Some of the seeds take four months to germinate.

Cannell & Sons' Complete Seed Guide.

After the plants have attained one or two leaves, and formed a small bulb, remove with root intact into small and well-drained pots, at all times using the soil mentioned above, adding one ounce to every peck of soil of our Real Manure, well mixed. Of course these small pots and plants must be watered with a rose on water can, and hence the foliage moistened at every watering, and if anything but the cleanest rain water is ever used the leaves become corroded with a white slime, and unsatisfactory results will be sure to follow, and as the entire health of the plant depends on a few leaves only, these precious leaves must be kept of a bright green hue from the first seedling leaf up to the flowering period. All sun must be avoided during the late spring and summer, and never allowed to shine on them after 8 o'clock a.m. and before 4 o'clock p.m. A cold frame in a shaded position, pitched north, is the best place for them, and as soon as they have made their season's growth, and show signs of going to rest, withhold water for a fortnight, shake away all soil, and re-pot. Be particular that the bulbs are buried just below the surface, except the crown, and after all are placed in a shaded frame, and every pot placed on a hard surface, so that no worms can enter; keep lights off in all moderate weather, and as cool as possible during hot weather, and in about a month new foliage will begin to push up; showery weather and night dews assist them immensely. Remove to a greenhouse, place them close to the glass, with plenty of air and light; they will be a surprise and delight all the winter. As soon as they show flower give liquid manure once a fortnight, and if the foliage becomes too vigorous withhold it. For other valuable particulars, see "Secrets of High Cultivation."



CYCLAMEN PERSICUM GIGANTEUM, WHITE
PURPLE BASE.

- G.P. CYCLAMEN (HYBRID) PERSICUM
—Red. 2s. 6d. per pkt.
- G.P. CYCLAMEN (HYBRID) PERSICUM
—White. 2s. 6d. per pkt.
- G.P. CYCLAMEN (HYBRID) PERSICUM
—Mauve. 2s. 6d. per pkt.
- G.P. CYCLAMEN (HYBRID) PERSICUM
—White, with purple base. 2s. 6d. per pkt.

G.P. CYCLAMEN PERSICUM—Mixed; saved from our finest Prize Collection of the very best white and highly-coloured varieties. 2s. 6d. per pkt.

G.P. CYCLAMEN PERSICUM GIGANTEUM—Very large flowers. 2s. 6d. per pkt.

G.P. CYCLAMEN PERSICUM GIGANTEUM—Mauve. 2s. 6d. per pkt.

G.P. CYCLAMEN PERSICUM GIGANTEUM—White, with purple base. 2s. 6d. per pkt.

G.P. CYCLAMEN PERSICUM GRANDIFLORUM. 2s. 6d. per pkt.



CYCLAMEN HEDERIFOLIUM (HARDY).

H.P. HARDY CYCLAMEN—In the rockery, perhaps, there is no prettier plant grown; it has the advantage of reproducing itself by setting its own seedlings for the coming year. 1s. per pkt.

Cannell & Sons' Complete Seed Guide.

SINGLE DAHLIAS.

Our collection of these is the most complete and perfect in the world. As a proof of this we have been awarded the highest honours by the Royal Horticultural Society as the best collection ever shown. We have taken numerous certificates, and the seed we offer is as good as it can be.

For full and other valuable particulars, see Collection in "Floral Guide."

These single kinds have now become the chief flowers for cutting all through the late summer and autumn months. Too much can hardly be said of them.

N.H.P. SINGLE MIXED—From the finest Collection in cultivation. 3d. per pkt.

N.H.P. DAHLIA, DOUBLE—Saved from our unrivalled collection of show kinds, and cannot fail to produce some first-class varieties. 1s. per pkt.

N.H.P. DAHLIA, CACTUS—Choicest mixed from our best named varieties. 1s. per pkt.

N.H.P. DAHLIA, POMPON—The pretty double bouquet Dahlias. 1s. per pkt. For descriptions, see Guide.



SINGLE DAHLIAS.



DELPHINIUM FORMOSUM.

N.H.A. DATURA FASTUOSA (*The Thern Apple*)—Double purple. 3d. per pkt.

N.H.A. DATURA METELOIDES—Delicate blue and white shaded; very handsome. 3d. per pkt.



DELPHINIUM HYBRIDUM.

N.P. DELPHINIUM FORMOSUM — Bright blue, with white centre; one of the finest varieties of this beautiful genus. 3d. per pkt.

N.P. DELPHINIUM ELATUM HYBRIDUM, mixed—This mixed seed is collected from the best French collection, comprising 50 varieties. We grow half an acre. Our spikes of bloom were awarded the Silver Medal of the Royal Botanic Society, Regent's Park. 3d. per packet.

See Collection in Floral Guide.

Cannell & Sons' Complete Seed Guide.



DATURA FASTUOSA, double.



DATURA METELOIDES.



JAPANESE DIANTHUS, EASTERN QUEEN AND CRIMSON BELLE.

H.P. DELPHINIUM GRANDIFLORUM—Beautiful blue. 3d. per pkt.

H.P. DELPHINIUM CARDINALE—Handsome species, with large scarlet and yellow flowers; quite hardy. 1s. 6d. per pkt.

H.P. DELPHINIUM NUDICAULE—Height from 12 to 15 in. Flowers produced in spikes, each blossom being an inch in length; the colour varies from a light scarlet to a shade verging closely on crimson. 1s. per pkt.

H.P. DIANTHUS BARBATUS (Sweet William, Cannells' Perfection)—If it was needed we could append 100 testimonials and extracts from the Horticultural Press of the splendour and brilliancy of our strain, and although a Sweet William, we know of no flower that requires more experience and stricter attention to produce seed that will bring forth flowers like the engraving than this plant. 3d. per pkt.

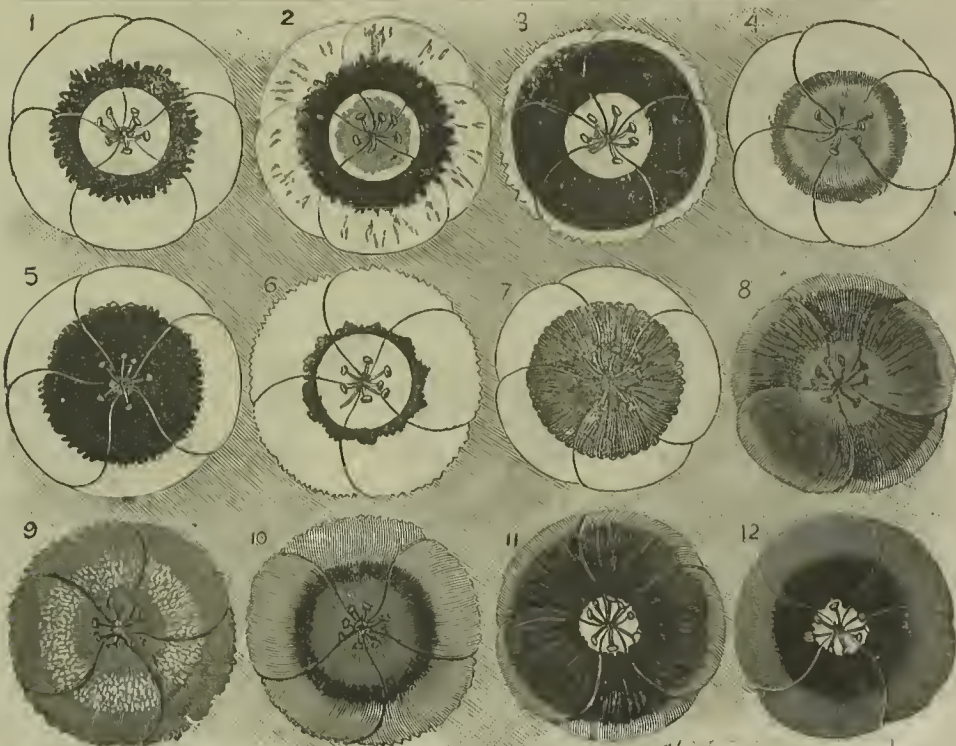
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DIANTHUS HEDDEWIGI DIADEMATUS FLORE PLENO.



DIANTHUS HEDDEWIGI, SINGLE.



CANNELL & SONS

DIANTHUS BARBATUS (SWEET WILLIAM, CANNELLS' PERFECTION).

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DIANTHUS BARBATUS FLORE PLENO

H.P. DIANTHUS BARBATUS FL. PL.—The double Sweet William; flowers freely; very dwarf. 3d. per pkt.

H.A. DIANTHUS HEDDEWIGI—Single easy to grow and very showy. 3d. per pkt.

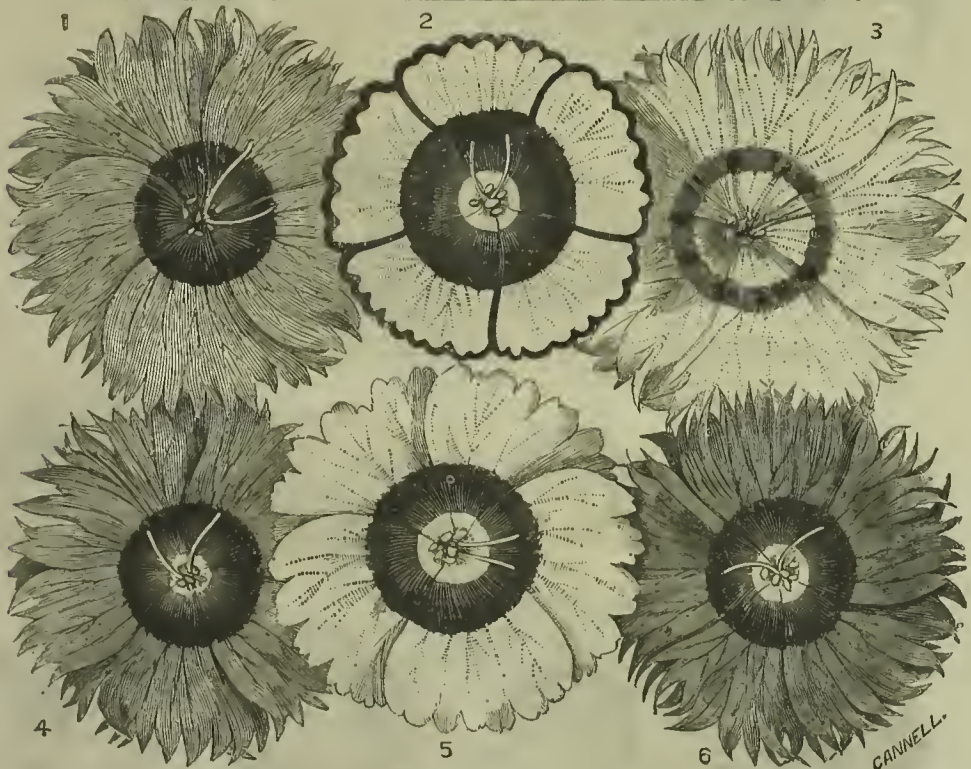
H.A. DIANTHUS HEDDEWIGI DIADEMATUS FL. PL.—A very beautiful and valuable improvement; habit more compact and robust than that of the well-known *Dianthus Heddwigi* Fl. Pl.; flowers large; colours are

arranged in zones, varying from lilac and crimson to richest dark purple; the edges of the petals are very beautifully fringed and margined with white. 6d. per pkt. *Treated the same as the Aster.*

H.A. DIANTHUS, EASTERN QUEEN AND CRIMSON BELLE—These beautiful forms of the popular *D. Heddwigi* are most distinct and pleasing. *Eastern Queen* is beautifully marbled, the broad bands of reddish lake upon the paler surface of the petals are very striking and pretty. *Crimson Belle*, as its name implies, is of a rich, vivid crimson-lake colour; flowers of extraordinary size and substance, evenly and finely laciniated. Each, 1s. per pkt. Both colours mixed, 6d. per pkt.

H.P. DICTAMNUS FRAXINELLA (The Burning Bush)—Good border plant; flowers rosy purple. 3d. per pkt.

H.P. DICTAMNUS FRAXINELLA ALBUS—Flowers white. 3d. per pkt. (Seed of Dictamnus is of slow germination.)



H.P. DIANTHUS PLUMARIUS SINGLE, MIXED.

Although these are amongst the *Dianthus*, and correctly so, yet they are really Single Pinks, and for all purposes of cut-flowers most lovely and beautiful. One of the easiest to grow either from seeds or cuttings, grow anywhere; are what was formerly called Rock Pinks. Strange to say, they are almost unknown. We are quite sure our customers and friends will give us great credit for bringing these improved kinds plainly before them. Seeds, 1s. per pkt.

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H.P. **DIANTHUS CÆSIUS.** 6d. per pkt.
H.A. **DRACOCEPHALUM MOLDAVICUM**
(BALM)—Purple; very pretty. 3d. per pkt.



DIANTHUS SINENSIS FL. PL.

H.B. **DIANTHUS SINENSIS FL. PL.**
(Double Indian Pink)—Charming Biennials
well adapted for bedding purposes, if sown early
and transplanted. Free blooming. 3d. per pkt.



DIGITALIS (FOXGLOVE).

H.P. **DIGITALIS (FOXGLOVE)**
GLOXINÆFLORA IMPROVED LARGE
SPOTTED—An excellent strain, with large
flowers, heavily spotted; flowers nearly equal
to the Gloxinia. Very striking in a shrubbery.
This seed is from our very best kinds. 3d. per
pkt.

H.H.P. **ECCREMOCARPUS**—Elegant
climber, a magnificent plant for south walls,
verandahs, pillars, &c. 3d. per pkt.



ESCHSCHOLTZIA FLORE PLENO.

H.A. **ESCHSCHOLTZIA FL. PL.**—Double
yellow. 3d. per pkt.

H.A. **ESCHSCHOLTZIA CALIFORNICA**
ROSEA FL. PL.—Produces a high percentage
of double flowers of a very tender rose colour.
6d. per pkt.

H.A. **ESCHSCHOLTZIA CALIFORNICA**
ALBA FL. PL.—Flowers double white. 6d.
per pkt.

H.A. **ESCHSCHOLTZIA CROCEA**—Yel-
low flowers; when once introduced into the
garden will sow themselves. 3d. per pkt.

H.A. **ESCHSCHOLTZIA MANDARIN**—
The inner side of the petals is of a rich orange
colour, and the outer side brilliant mandarin
scarlet. 3d. per pkt.

H.A. **ESCHSCHOLTZIA ROSE CARDI-**
NAL—Bright rose-coloured flowers, pretty
foliage, a very useful addition to our hardy
annuals. 6d. per pkt.

H.H.P. **ECHVEVERIAS.**

Splendid plants for bedding purposes. We
have one of the largest stocks in this country.
The seed is very dust-like, therefore must be
barely covered with soil, and treated very care-
fully until the seedlings are fit to handle. To be
treated the same as recommended for *Calceolarius*.

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- E. METALLICA.** 1s. per pkt.
E. SECUNDA GLAUCA. 1s. per pkt.
E. SECUNDA. 1s. per pkt.
H.A. ERYSIMUM PEROWSKIANUM—
 Orange coloured flowers. 3d. per pkt.
H.A. ERYSIMUM ARKANSANUM—
 Sulphur yellow. 3d. per pkt.



EUCARIDIUM BREWERI.

H.A. EUCARIDIUM BREWERI—Rare and truly magnificent species of dwarf spreading habit of growth and narrow lanceolate foliage. The colour of the flower is a pleasing purplish rose, shading to white in the centre; the broad obcordate petals overlapping at their margins and furnished with a narrow tapering lobe from each sinus are the most remarkable feature of this distinct and truly elegant plant. It flowers very profusely and is of the same easy culture as the different kinds of Clarkia. 1s. 6d. per pkt.

H.A. EUCARIDIUM GRANDIFLORUM ALBUM—Flowers pure white. 3d. per pkt.

H.H.SH. EUCALYPTUS GLOBULUS (The Blue Gum of Tasmania)—This plant is said to possess the remarkable power of destroying miasmatic influence in fever-stricken districts. It also has the singular property of absorbing ten times its own weight of water from the soil; hence it is now being planted on a large scale, with a view to improving the pestilential character of marshy and other unhealthy districts. 3d. per pkt.

H.H.A. FENZLIA DIANTHIFLORA —Smothered with brilliant rose-purple flowers, very dwarf, suitable for pots, rockeries, or edgings. 6d. per pkt.

H.H.A. FENZLIA DIANTHIFLORA ALBA—White. 6d. per pkt.

FOXGLOVE—See Digitalis.

H.H.P. FUCHSIA—Saved from our splendid collection of double and single varieties. 2s. 6d. per pkt.



EUCALYPTUS GLOBULUS.

H.H.P. GAILLARDIA PICTA NANA—A very fine free-flowering variety, of good compact habit; the flowers, which are of a large size, are of a reddish crimson colour, bordered with citron-yellow. 3d. per pkt.



GAILLARDIA PICTA NANA.

H.P. GAILLARDIA JOSEPHUS—Extra large flowering. 3d. per pkt.

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GAILLARDIA PICTA LORENZIANA.

H.H.A. **GAILLARDIA PICTA LORENZIANA**—The ray and disc flowers of this variety develop themselves into tubular funnel-shaped florets of 3 to 5 lobes, and form handsome flower heads; it will be found very useful for cutting. The seed offered is mixed, containing sulphur and golden-yellow, amaranth-red, claret, red, and purple. Sow early in March. 1s. per pkt.

H.P. **GENTIANA ACAULIS**—Beautiful hardy plant, exceedingly free, will grow almost anywhere; it forms dense masses of dark green foliage, from which protrude large deep blue flowers; it continues in bloom from spring for a long time. A bed or line of this lovely plant once seen in bloom will never be forgotten. Seed germinates slowly. 3d. per pkt.

H.P. **GEUM ATROSANGUINEUM FL. PL.**—Handsome continuous-blooming border plant, large double flowers of a dazzling scarlet. 3d. per pkt.

H.P. **GEUM COCCINEUM GRANDIFLORUM**—Scarlet; very fine. 3d. per pkt.

H.A. **GILIA ACHILLEÆFOLIA**—Beautiful annual when grown in masses; much prized for rockwork. 3d. per pkt.



PERENNIAL GAILLARDIA.

HARDY PERENNIAL GAILLARDIA—A lovely coloured flower, perfectly distinct to any other, and for all decoration quite a charming feature; perfectly hardy, producing abundance of flowers all the summer. For cut flowers one of the most useful plants of the garden. Per pkt., 1s.

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H.A. **GILIA LINIFOLIA**—A new pretty species from California. 3d. per pkt.

H.A. **GILIA MINIMA CÆRULEA**—A very pretty miniature annual. 3d. per pkt.



GILIA TRICOLOR.

H.A. **GILIA TRICOLOR**—White and purple. 3d. per pkt.

H.A. **GILIA**—Mixed. 3d. per pkt.

H.P. **GLADIOLUS**—Mixed. Perfectly hardy garden varieties, therefore saving the trouble of housing them from the frost. 6d. per pkt.



GLADIOLI.

H.P. **GLADIOLUS BRENCHEYENSIS**—The well-known scarlet variety. 1s. per pkt.

H.P. **GRINDELIA SQUARROSA**—Fine yellow, daisy-like flower. 2 ft. high. 3d. per pkt.



GLOXINIA RECURVÆFOLIA.

G.P. GLOXINIA.

Whenever these gorgeous flowers are at the zenith of their perfection, it would be difficult to imagine anything more beautiful, and as they can be easily flowered twice a-year, it is surprising that they are not more generally grown.

ERECTA—The best erect flowering kinds. 2s. 6d. per pkt.

PENDULA—Drooping flowers. 2s. 6d. per pkt.
RECURVÆFOLIA, *syn.* **CRASSIFOLIA**. 2s. 6d. per pkt.

SPOTTED, or MACULATED FLOWERS. 2s. 6d. per pkt.

GLOXINIA HYBRIDA GRANDIFLORA "DEFIANCE" (New Scarlet)—The colour may be best described as an intense glowing crimson scarlet, a tone which for richness has not hitherto been found in the genus. The flowers are large, and the edges of the petals very delicately frilled, a characteristic which adds considerably to the refinement of their appearance. The variety belongs to the Erecta class, whose flowers are borne upright and its beauty is enhanced, and in no small degree, by a velvety dark green foliage with pretty silvery-white venation. Apart from the beauty of the flowers, the great point in its

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favour is that it comes almost true from seed and as that we offer will reproduce it at the rate of about 95 per cent., a Scarlet Gloxinia, which has hitherto been extremely scarce, is thus placed within the reach of all lovers of this beautiful genus. 2s. 6d. per packet.

To be sown in a brisk heat at any time during February, and grown on vigorously, and they will flower abundantly during summer and autumn, and make extra strong roots by winter.

Many who saw our 100-ft. house last season filled with the above in all their various forms will confirm the splendid sight, size of flower, and the surprising glare of colour; in fact, many exclaimed, "These are grand flowers! they beat Roses." And, like all other choice flowers, every bloom selected for seed is hybridised with the greatest possible care. The brilliancy and beauty of the spotted kinds is perfectly marvellous. See *Floral Guide* for our grand collection.

G.P. GREVILLEA ROBUSTA—Exceedingly graceful for table decoration. In the conservatory and sub-tropical garden they rank foremost as fine foliage plants. Seed should be sown in peat. 1s. per pkt.



GNAPHALIUM LEONTOPODIUM (EDELWEISS).

H.P. GNAPHALIUM LEONTOPODIUM ALPIMUM (Edelweiss)—The famous and true *Edelweiss* of the Alps. The flowers are of downy texture and pure silver white; it thrives best in calcareous soil, with full exposure to the sun; quite hardy. 1s. per pkt.

H.A. GODETIA BIJOU—The dwarfest, of very bushy habit, flowers pure white, marked with a dark rose spot. 6d. per pkt.

H.A. GODETIA, PRINCESS OF WALES—Ruby-crimson, pencilled with pale rose and silver-grey. 3d. per pkt.

H.A. GODETIA, LADY ALBEMARLE—Superb variety, dwarf, brilliant crimson coloured flowers; most magnificent. 3d. per pkt.

H.A. GODETIA, LADY ALBEMARLE COMPACTA—A dwarfier and more compact form of the preceding brilliant variety; particularly fine and showy. 3d. per pkt.

H.A. GODETIA, THE BRIDE—A very pretty variety. Should be grown in every garden. 3d. per pkt.



GODETIA, DUCHESS OF ALBANY.

H.A. GODETIA, DUCHESS OF ALBANY—The plants are of handsome pyramidal growth, about one foot high, branching from the bottom, and producing large clusters of *Oenothera*-like flowers, of a beautiful glossy satiny, white, each about four ins. when fully expanded. 6d. per pkt.

H.A. GODETIA ROSEA ALBA—Has a bright crimson spot on each petal, which has a peculiarly pretty effect. 3d. per pkt.

H.A. GODETIA WHITNEYI—Very attractive, forming a bush about 2 ft. high, flowers varying from flesh colour to crimson. 3d. per pkt.

H.A. GODETIA—Very showy, summer-flowering, mixed. 3d. per pkt.

H.A. GYPSOPHILA ELEGANS—Very graceful habit; flowers rose. 3d. per pkt.

H.A. GYPSOPHILA MURALIS—Very dwarf, useful for rockwork and edgings. 3d. per pkt.

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H.P. GYPSOPHILA PANICULATA—
Charming little plants, covered with small white
flowers, very handy for table decoration, &c.
Much used in Paris. 3d. per pkt.



GOMPHRENA GLOBOSA NANA COMPACTA.

**H.H.A. GOMPHRENA GLOBOSA NANA
COMPACTA** (Everlasting)—Purple, dwarf,
not exceeding 5 in. in height and 8 in. in diam-
eter; is the best everlasting flower that has been
introduced for many years. First-Class Certifi-
cate at Chiswick, 1880. A gem for pot culture.
3d. per pkt.

**H.H.A. GOMPHRENA GLOBOSA (GLOBE
AMARANTHUS)**—Highly prized for their heads
of flowers, which will retain their beauty for
months. Various shades of purple. *The seeds to
be treated the same as Balsams.* 3d. per pkt.

**H.A. HELIANTHUS (SUNFLOWER)
ANNUUS, DOUBLE.** 3d. per pkt.



GODETIA, LADY ALBEMARLE.



HELIANTHUS GLOBOSUS FISTULOSUS (DOUBLE SUNFLOWER).

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H.A. HELIANTHUS CITRINUS—This very desirable plant for large gardens, shrubberies, and sub-tropical effects, is of branching habit, about 4 feet high; flowers are a medium size, with pale yellow ray and dark disc; exceedingly pretty, quite distinct from all other varieties. 6d. per pkt.

H.A. HELIANTHUS GLOBOSUS FISTULOSUS—Flowers of a globular outline, from 12 to 18 inches in width, of a rich saffron yellow. The best of all the doubles; no comparison to those mostly seen. 1s. per pkt.

H.A. HELIANTHUS CALIFORNICUS FL. PL.—Extra double golden-yellow. 3d. per pkt.

H.A. HELIANTHUS (Primrose Coloured)—Single, beautiful primrose-coloured flowers; very distinct. 6d. per pkt.

H.A. HELIANTHUS CUCUMERIFOLIUS—New, very neat in habit, pretty, small, single yellow flowers, with black centre; very decorative; 3 feet high. 1s. per pkt.

H.A. HELIANTHUS (Single Sunflower)—All the finest single varieties mixed. 3d. per pkt.

These wonderful Sunflowers are very attractive, admirably adapted for intermingling in shrubbery borders and in groups for distinct effect, and for naturalisation in semi-wild situations.

H.A. HELICHRYSUM BRACTEATUM—Everlasting, dwarf yellow. 3d. per pkt.



HELICHRYSUM BRACTEATUM.

H.A. HELICHRYSUM BRACTEATUM ALBUM—White. 3d. per pkt.



HELICHRYSUM (EVERLASTING).

H.A. HELICHRYSUM MONSTROSUM FL. PL. (Compositum)—Choice mixed; fine large flowers. These are known as Everlasting Flowers or Immortelles, and as cut dried blooms are largely used for church and house decorations at Christmas festivals and other important occasions; also for winter bouquets, in which, to conduce to general effect, it is advisable to have some varieties of the Ornamental Grasses. (See pages 87 and 88.) It is necessary, when cutting the flowers for drying for winter use, to pluck them before the flower-bud is expanded, otherwise they may have a tendency to seed, and present a somewhat ragged appearance. 3d. per pkt.

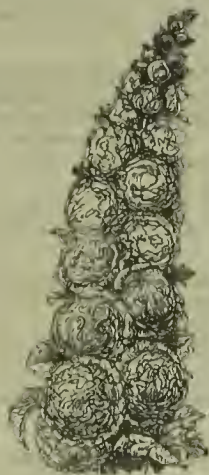


HELIOTROPIMUM.

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HIBISCUS TRIONUM.



HOLLYHOCK.

H.H.P. **HELIOTROPIUM** (Cherry Pie)—Finest large flowering varieties, mixed. 6d. per pkt.

H.P. **HELLEBORUS NIGER** (The Christmas Rose). 1s. per pkt.



HESPERIS (ROCKET).

H.H. **HESPERIS MATRONALIS CANDIDISSIMA** (Rocket)—White flowered, and has a sweet perfume towards evening. 3d. per pkt.

H.A. **HIBISCUS TRIONUM**—Abundant of lovely creamy-white flowers (measuring about

2 inches across), with intense dark throat, nearly black; much admired; sow in gentle heat in March, plant out in May. 3d. per pkt.

H.H.P. **HIBISCUS COCCINEUS**—Large magnificent flowers of a bright carmine-red, one of the finest plants for bedding out, and blooms more freely than the *Chinese Hibiscus*. 1s. per pkt.

H.P. **HOLLYHOCKS (ALTHÆA FL. PL. VARS.)**—The distinctive character and massive beauty of the Hollyhocks render them unrivalled as a picturesque relief to the background of evergreen shrubs. For distinct effect in large groups they are matchless; they also form a showy and effective outline in flower gardens and borders, and an admirable boundary line for extensive avenues in park scenery. The seed offered has been saved from our exhibition flowers, and cannot fail to produce first-class varieties. 1s. per pkt.

Sow in February in a moderate heat, and grow on quickly, and again in August; these kept in a cold frame all the winter, and planted out in March, make the best display.

HONESTY—See *Lunaria biennis*.

A.C. **HUMULUS JAPONICUS**—Japanese climbing hop, of very rapid growth, luxuriant foliage, and one of the best plants for covering verandahs, trellis work, &c., &c. 1s. per pkt.

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H.H.B. HUMEA ELEGANS — A well-known and very useful decorative garden plant, producing large graceful plumes of rose-tinted flowers. Superior in appearance to the *Tobacco Plant*, the leaves having a distinct and powerful perfume. Also valuable for conservatory or room decoration in winter if lifted before the frost. 3d. per packet.

H.H.B. HUMEA ELEGANS PURPUREA — Darker in all its parts, dark green in foliage and dark reddish brown in flowers and spike. A very handsome variety of this so much esteemed species. 3d. per pkt.

H.H.B. HUMEA ELEGANS ALBA — Uncommonly free-flowering, graceful habit, dark green foliage, pure white flowers; very novel. 1s. per pkt.

Sow in August, and place in a warm pit or greenhouse, shift into larger pots until bedding-out time; if large, fine specimens are required, they must never become pot-bound.

H.H.B. HYACINTHUS CANDICANS — A noble bulbous plant, with narrow leaves, and bearing from 18 to 20 large, white, bell-shaped flowers on a stout stem, 3 feet high; quite hardy. 3d. per pkt.



G.P. IMPATIENS SULTANI (Balsam) — One of the most distinct and beautiful of all decorative plants of recent introduction, and owing to its gorgeous colouring and profuse and continuous flowering is rapidly becoming popular. It is of neat, compact growth, almost a perpetual bloomer; in the stove it is quite at home, in cool houses it does well. The flowers are of a brilliant rosy scarlet colour, a peculiarly distinct but most effective hue, and are produced so freely that a well-grown specimen appears to be quite a ball of flower. Seedlings make dwarfer and more compact plants than cuttings, and flower with much greater freedom, commencing to bloom freely when only a few inches high. Small plants, with their brilliant rosy scarlet flowers, are always in request for decorative purposes, especially for dinner table and drawing rooms. It is also very effective grown into specimen plants. One was exhibited at the Royal Horticultural Society, measuring 3 feet 6 inches in diameter, of semi-globular form. 2s. per pkt.

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H.P. IBERIS GIBALTARICA — Large compact heads of lilac and white flowers, in bloom all the winter and early spring; a gem for bedding. 1s. per pkt.

H.P. IBERIS TENOREANA — Flowers white, changing to purple; dwarf. 3d. per pkt.

H.H.A. ICE PLANT — A singular trailing plant, with thick fleshy leaves, that have the appearance of being covered with crystals of ice; very ornamental for mixing with other plants in conservatory or flower garden. Sow in heat in March. 3d. per pkt.

H.H. IRIS ORIENTALIS — Closely allied to Siberica flowers, rich velvety blue; one of the most beautiful Iris in cultivation. 3d. per pkt.

H.A. KAULFUSSIA AMELLOIDES — One of the useful tribes of hardy annuals; blue. 3d. per pkt.

H.A. KAULFUSSIA AMELLOIDES KERMESINA — Scarlet; very showy. 3d. per pkt.

H.A. KAULFUSSIA AMELLOIDES ALBA — White. 3d. per pkt.

H.A. LARKSPUR HYACINTH FLOWERED — Dwarf and beautiful class, with double flowers. Mixed. 3d. per pkt



LARKSPUR.

H.A. LARKSPUR BISMARCK (Delphinium consolida robustum fl. pl.) — New, very fine; mixed. 3d. per pkt.

H.A. LARKSPUR DWARF RANUNCULUS FLOWERED ROCKET — Beautiful class with globular flowers, spirally arranged on long elegant spikes. 3d. per pkt.

H.A. LARKSPUR TALL DOUBLE ROCKET (Delphinium Ajacis elatus fl. pl.) — Finest. Mixed, 3d. per pkt.

H.H.P. LANTANA (Mixed) — A beautiful plant either for garden or greenhouse; the seed is saved from our collection (including last year's new varieties), and will in all probability produce some splendid new kinds. Sow in March. 6d. per pkt.

H.P. LATHYRUS LATIFOLIUS (Everlasting Sweet Pea) — Red. 3d. per pkt.

H.P. LATHYRUS LATIFOLIUS ALBUS (Everlasting Sweet Pea) — White. 6d. per pkt.

H.P. LAVATERA ARBOREA VARIEGATA — A new variegated-leaved variety, quite hardy; very ornamental foliage plant. 1s. per pkt.

H.A. LAVATERA — Red; a splendid annual, excellent as a back ground for other plants, also very effective in shrubbery borders or large masses; height about 3 ft. 3d. per pkt.

H.A. LAVATERA — White; a white form of the preceding. 3d. per pkt.

H.A. LAYIA ELEGANS — A pretty and attractive little annual that ought to be more generally grown, if only for cut flower purposes. The rays of the flower heads are trifid and bright yellow with white tips. The head is as broad as that of a Marguerite, but it is more bulky, while the rays are much wider and touch one another quite closely all round. The stems grow from 12 to 18 inches, and are either erect or procumbent. A bed or mass of this annual produces a fine effect, owing to the large quantity of bloom produced. The leaves are almost entirely hidden by the flowers. May be sown in Autumn or Spring, and flowers then from April to July, or from July to October. 6d. per pkt.



LAYIA ELEGANS.

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H.A. LEPTOSIPHON DENSIFLORUS—Flowers produced in clusters, of a bright purple. 3d. per pkt.

H.A. LIMNANTHES DOUGLASI—Yellow and white, exceedingly pretty; good for edging, clumps, &c. 3d. per pkt.

H.P. LINARIA CYMBALARIA (Kenilworth Ivy)—Rich violet, fine for hanging baskets, rockwork, &c. 1s. per pkt.

H.P. LINARIA MARITIMA—A very dwarf, neat species, with small roundish foliage, and a profusion of lilac-purple flowers shaded with white at the palate; it flowers first year from seed, but more strongly the second season. 1s. per pkt.

H.P. LINARIA PURPUREA—Purple. 3d. per pkt.



LINARIA RETICULATA AUREA PURPUREA.

H.A. LINARIA RETICULATA AUREA PURPUREA—Flowers half golden-yellow, half eochineal-red. One of the most showy annuals in existence. 3d. per pkt.

H.H.A. LINUM GRANDIFLORUM RUBRUM (Scarlet Flax)—Splendid colour. 3d. per pkt.

H.P. LINUM FLAVUM—Golden Yellow; very pretty. 3d. per pkt.

H.P. LINUM PERENNE—Blue; neat border species. 3d. per pkt.



LINUM GRANDIFLORUM RUBRUM.

H.H.A. LOASA AURANTIACA—Beautiful climbing plant, suitable for trellis or wire work. 3d. per pkt.

H.H.A. LOBELIAS.

BRIGHTON—For general purposes, the brightest blue Lobelia ever yet sent out, and the best variety of the *speciosa* class. 1s. per pkt.

BLUE STONE
WAVE OF BLUE
PUMILA MAGNIFICA
SPECIOSA
CRYSTAL PALACE
ERECTA ALBA
ERINUS BLUE
SWANLEY BLUE
SWANLEY WHITE
GRANITE CITY WHITE

Each,
Per packet 1s.

PERENNIAL VARIETIES.

H.P. LOBELIA CARDINALIS—Dark green foliage, intense red flowers. 1s. per pkt.

H.P. LOBELIA FULGENS MULTIFLORA—Deep scarlet; splendid. 1s. per pkt.

H.H.P. LOBELIA FULGENS QUEEN VICTORIA—Dark red foliage. 1s. per pkt.

H.H.P. LOPHOSPERMUM SCANDENS (*Maurandya erubescens*)—Colour of flowers purple, the roots are fleshy and may be preserved in winter like Dahlia tubers, or it may be treated as an annual and grown from seed on a hotbed, and grown out of doors during the summer months. It is a very graceful looking plant, when well grown, for trailing and hanging purposes; of quick growth. Sow in March. 3d. per pkt.

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H.B. LUNARIA (Honesty—Moonwort)—Ornamental, transparent, silvery seed vessels (much used for winter decoration), purple flowers; very showy. 3d. per pkt.

H.A. LUPINUS CRUICKSHANKI—Splendid blue and white flowers. 3d. per pkt.

H.A. LUPINUS NANUS—Dwarf, blue. 3d. per pkt.

H.A. LUPINUS SUBCARNOSUS—Splendid species for beds; flowers blue and white. 3d. per pkt.

H.A. LUPINUS, ANNUAL VARIETIES—Finest mixed. 3d. per pkt.

H.P. LUPINUS NOOTKATENSIS—Fine dwarf species. 3d. per pkt.

H.P. LUPINUS PERENNIAL VARIETIES—Finest mixed. 3d. per pkt.

H.P. LUPINUS ARBOREUS (The Yellow tree Lupin). 3d. per pkt.

H.A. LUPINUS HARTWEGI—Very pretty border species. 3d. per pkt.

H.P. LYCHNIS CHALCEDONICA ALBA—Flowers white. 3d. per pkt.

H.P. LYCHNIS FULGENS—Very showy flowers, brilliant scarlet. 3d. per pkt.

H.P. LYCHNIS CHALCEDONICA—Fine bold plants, with beautiful heads of scarlet. 3d. per pkt.

H.A. MALOPE GRANDIFLORA PURPUREA—Very showy annual, forming bushes about 2 feet high, completely covered with handsome flowers of a shiny crimson-purple, very useful for cutting, and lasts in bloom till frost sets in. 3d. per pkt.



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H.P. MALVA MOSCHATA ALBA MAJOR—The pure white flowered variety of the British Musk Mallow; an extremely pretty and attractive plant, specially well adapted for cutting purposes; quite hardy. 1s. per pkt.

"Royal Horticultural Society—Malva Moschata Alba Major.—Messrs. Cannell & Sons were awarded a First-Class Certificate for this Plant, which is a beautiful variety of Mallow with pure white flowers. These are produced in great abundance, and the plant being quite hardy, it is a really valuable addition to the list of border plants. The flowers would prove very valuable for cutting."

G.P. MANDEVILLA SUAVEOLENS—A useful greenhouse climber. 1s. per pkt.



FRENCH MARIGOLD—CANNELL'S FIRST PRIZE STRAIN.



H.H.A. FRENCH MARIGOLD, CANNELL'S WELL-KNOWN FIRST PRIZE STRAIN—Some blooms of this were sent to the *Gardeners' Magazine*, and the following is the reply:—

"H. Cannell & Sons.—Your French Marigolds are really magnificent; we have not seen anything to equal them. The colour and marking is wonderfully bright and decisive, and the form can be summed up in the one word—perfection. A few stands of bloom like those before us would present a striking contrast to, and have a great appearance amongst, other cut flowers usually exhibited at this season of the year."

Sow in March, shift into a good-sized pot, plant out the first warm weather in May; they will last in bloom till the frost sets in. 1s. per pkt.

H.H.A. DWARF FRENCH MARIGOLD—Selected from the choicest blooms, and dwarfest plants. 1s. per pkt.



MATRICARIA.

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H.H.A. MARIGOLD, DARK AFRICAN (Orange)—These produce heads of bloom of immense size; at a distance they have the appearance of Dahlias; to be treated the same as Asters. 3d. per pkt.

H.H.A. MARIGOLD, SELECTED AFRICAN LIGHT LEMON COLOUR—Extra fine for exhibition. These are equally as fine in quality as the preceding varieties. 3d. per pkt.

H.H.A. MARIGOLD AUREA FLORIBUNDA—One of the prettiest dwarf yellow bedding plants that we know. 3d. per pkt.

H.H.A. MARTYNIA FRAGRANS—Splendid, bearing fragrant crimson-purple flowers. 3d. per pkt.

H.H.P. MARVEL OF PERU—A very picturesque plant, the diversified colours contrasting well with its dark green glossy foliage; continues in bloom through the summer and autumn; the root may be preserved, like Dahlias, throughout the winter; the best colours mixed. 3d. per pkt.

H.P. MATRICARIA EXIMIA NANA AUREA CRISPA COMPACTA FL. PL.—



MESEMBRYANTHEMUM TRICOLOR.

Lovely little cream-coloured quilled flowers, very useful for cutting. It is one of the curled-leaved Feverfews; height about 8 inches; a gem in any garden. 1s. per pkt.

H.H.A. MESEMBRYANTHEMUM TRICOLOR—Lovely dwarf plants for borders or rockwork. 3d. per pkt.

H.H.A. MESEMBRYANTHEMUM CORDIFOLIUM VARIEGATUM—Foliage elegantly variegated with white; a gem for flower beds and hanging baskets. 1s. per pkt.

H.A. MATHIOLA BICORNIS (Night-scented Stock)—Light lilac; deliciously fragrant in evening and morning, and especially after a shower. 3d. per pkt.

H.H.P. MAURANDYA BARCLAYANA—A most beautiful slender climber, producing abundance of purple and white coloured tube-shaped flowers; for trailing up pillars, wire-work, &c., is one of the best plants. Sow from March to May. 6d. per pkt.

H.H.P. MAURANDYA BARCLAYANA ALBA—White. 6d. per pkt.



MIMOSA PUDICA (SENSITIVE PLANT).

G.A. MIMOSA PUDICA (Sensitive Plant)—Graceful, fern-like foliage, mostly grown as a curiosity, being so sensitive that the leaves close up immediately from the slightest touch. Must be sown in heat in small pots, and reduced to one or two plants, as they suffer greatly from being transplanted. 3d. per pkt.

H.A. MIGNONETTE, PYRAMIDALIS GRANDIFLORA—Quite distinct from the old large-flowering variety; pyramidal growth, and one of the best of all the Mignonettes. 1s. per pkt.

H.A. MIGNONETTE, MILES' NEW HYBRID SPIRAL—Much admired by the public generally; habit dwarf and branching, with spikes often attaining a length of from 8 to 10 inches; powerful odour. Well adapted for market purposes. 1s. per pkt.

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H. A. MIGNONETTE, CANNELLS' PERFECTION,

The great trial of Mignouette, from all parts of the world, at Chiswick brought plenty of splendid developed specimens before the Floral Committee. The best and the worst were closely scrutinised, and all were unanimous that this was the finest variety ever yet seen in this country; and we have great pleasure in offering this very kind, which is altogether larger, bolder and its odour more powerful, and should be grown in every garden. 1s. per pkt.

H. A. MIGNONETTE, GARAWAY'S WHITE—Much grown as a pot plant for greenhouse decoration during the winter and early spring months; the spikes are not only larger, but the individual flowers are more double and of a much purer white than other varieties, rendering it undoubtedly the best kind for winter blooming. 1s. per pkt.

H. A. MIGNONETTE, PARSON'S WHITE. 3d. per pkt.

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H. A. MIGNONETTE, RED KING—The prettiest, highest coloured red, and the most distinct of the whole family. It has also a remarkably neat habit, medium flowers, just the convenient size for cut blooms, and has a charming and striking effect amongst other flowers; much more attractive than the ordinary kinds. 1s. per pkt.

H. A. MIGNONETTE, CRIMSON. 3d. per pkt., 1s. 6d. per oz.

H. A. MIGNONETTE, GOLDEN QUEEN—A most decided golden hue, which carries a cheer into every bouquet or table decoration; wonderfully free and deliciously fragrant. 1s. per pkt.

H. A. MIGNONETTE—Sweet scented. 3d. per pkt., 9d. per oz.

MIGNONETTE, MACHET—A fine new variety, undoubtedly the best for pot culture; habit extremely dwarf, thick dark green leaves, stout flower stalks, which terminate in abundant large and broad spikes of beautifully scented flowers of a bright red colour. 1s. per pkt.

DIRECTIONS FOR SOWING.—Sow in the open ground in April, and in succession throughout the summer, covering the seeds about a quarter of an inch deep. For winter and spring flowering sow in August and September, in pots of loam, mixed with a little leaf mould, and protect from frost in cold frame. For early flowering sow in February and March, on a slight bottom heat. Thin out or transplant before the plants get crowded.

H. P. MIMULUS NOBILIS (*Mimulus hybridus tigrinus nanus compactus duplex*)—An important improvement on the well-known *Mimulus, Hose-in-Hose*; of most compact growth and scarcely 3 in. high. The flowers appear in great abundance, and are borne but slightly above the cushion-shaped bush, which spreads close upon the ground. A fine plant for pots. 2s. per pkt.



MIMULUS (HOSE-IN-HOSE).

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H.P. MIMULUS DUPLEX (Hose-in-Hose)
PENCOMBE RECTORY—Very pretty, and for garden decoration a gem, and should be planted everywhere. 1s. per pkt.

Sow *Mimulus* in heat from March to May, and as soon as they are established give them plenty of air, and, well shaded, they will then produce splendid flowers quite equal to the woodcut.



HALF

SIZE.

PERFECTION MIMULUS.

**H.P. MIMULUS, NEW HYBRID, CAN-
 NELL'S PERFECTION**—A new cross, combining the quaint spotting of the *maculosa* strain with the rich bronzy red of the *Chilian Mimulus*. The colours and markings are extremely novel and richly spotted. 1s. per pkt.

H.P. MIMULUS CUPREUS NANUS—The plants form dense globular-shaped bushes of uniform size, and not exceeding 4 to 5 inches in height. The flowers are of the most fiery colour, the leaves quite small, of shining dark green, and stand in close proximity to each other. A capital plant for market purposes. 1s. per pkt.

H.P. MIMULUS MOSCHATUS (Musk).
 3d. per pkt.

**H.P. MIMULUS GRANDIFLORUS
 "BRILLIANT"**—Bearing very large and finely formed flowers of an intense bright blood crimson colour; very free. 1s. per pkt.

H.P. MIMULUS TIGRINUS NANUS—The dwarf race of this valuable family. The plants are of dense tufty habit, and continue to produce, during a long period, a profusion of flowers of every imaginable shade. Will be found of great utility for masses and edgings. 1s. per pkt.

H.P. MYOSOTIS DISSITIFLORA—One of the best of all of the Forget-me-nots. It is of a remarkably compact habit and a profuse bloomer, having the appearance, when in full flower, of a sheet of most exquisite blue; an exceedingly attractive and beautiful spring bedding plant. 1s. per pkt.

H.P. MYOSOTIS, QUEEN OF SPRING.
 1s. per pkt.

H.P. MYOSOTIS ALBA—A splendid white variety. 3d. per pkt.



BEDDING MIMULUS (TIGRINUS NANUS).

**H.P. MYOSOTIS SYLVATICA COM-
 PACTA AUREA**—The merit of the *Old Cliveden Blue Forget-me-not*, particularly as a spring bedding plant, is so universally recognised, that this new golden-leaved variety cannot fail to become a popular favourite. It is similar in habit and colour of foliage to the *Golden Pyrethrum*; the flowers are of the same clear bright blue as its prototype, and their contrast to the golden-yellow of the foliage is one of its chief merits. As its name implies, it is of peculiarly dwarf compact habit, and as a spring bedder it is destined to occupy a most conspicuous place. 1s. per pkt.

MYOSOTIS PAGODA—A beautiful variety of Forget-me-not, blooms in great profusion during the spring and summer months; as a bedding variety it is unsurpassable. 1s. per pkt.

MYOSOTIS, PIGMY BEDDER—The best of all the Forget-me-nots, a charming new spring flowering plant, very dwarf and neat in habit, flowering early in spring and continuing in bloom a considerable time; a real gem. 1s. per pkt.

MYOSOTIS ALPESTRIS "VICTORIA"
 —This beautiful and distinct Forget-me-not claims a prominent place in every garden. The plant grows about 5 or 6 inches high, forming compact globular little bushes which are completely covered with neat flowers of a bright azure blue with a yellow centre. We can safely recommend it not only for bedding and pot culture, but for cut flowers, carpet bedding, and ribbon borders. 1s. per pkt.

Sow in July or August in open ground, or in slight hotbed in February.

NASTURTIUMS—See *Tropaeolum*.

**H.H.A. NEMESIA VERSICOLOR COM-
 PACTA**—Very neat, bushy, profuse-blooming plants; they commence flowering when a few inches high, and continue in beauty for months. Mixed. 3d. per pkt.

NEMOPHILA—These charming and useful dwarf-growing hardy annuals have a neat, compact, uniform habit of growth, with shades

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and colours the most strikingly beautiful; arranged in any style which the fancy may suggest, the effect is pleasing and very striking in the extreme; for early bedding.



MYOSOTIS DISSITIFLORA.

H.A. NEMOPHILA MACULATA GRANDIFLORA—White and violet. 3d. per pkt.

H.A. NEMOPHILA INSIGNIS GRANDIFLORA—Lovely blue, white centre. 3d. per pkt.

H.A. NEMOPHILA ALBA—Pure white. 3d. per pkt.

H.A. NEMOPHILA DISCOIDALIS—Velvety black, edged white. 3d. per pkt.



NEMOPHILA DISCOIDALIS.

H.A. NEMOPHILA, MIXED. 3d. per pkt.

H. H. P. NERTEA DEPRESSA—This charming little plant, with its crimson bead-like berries close to the ground, forms a dainty cushion for a carpet bed in summer, and is likewise very ornamental when grown in pots for the front of a greenhouse stage. It is also a valuable acquisition for rockwork. 1s. per pkt.

H.H.A. NICOTIANA VICTORIA AFFINIS—This is a most extraordinary plant: 1stly, because it is a Tobacco plant, and yet so different, both in growth and flowers, to

the ordinary kind; 2ndly, because of its producing such splendid pure white noble flowers on long terminal tubes, with such a delicious scent, which renders it valuable for bouquets; 3rdly, when its gigantic white Bouvardia-like flowers are fully expanded in the evening and early morning it has a most striking effect, and perfumes the whole surrounding atmosphere. It is, beyond doubt, the greatest novelty of the garden. In our nursery it has been the amazement of all, and the result of several hundreds of packets of seeds being sold. It will also unquestionably make a splendid greenhouse plant, and is probably adaptable for market work, as it is so very free, and only attaining the height of two feet in any ordinary soil. 1s. per pkt.



NICOTIANA VICTORIA (AFFINIS)

H.H.A. NICOTIANA MACROPHYLLA GIGANTEA. 6d. per pkt.

H.H.A. NICOTIANA ATROPURPUREA GRANDIFLORA. 6d. per pkt.

Tall, handsome foliage plants of rapid growth: very suitable for shrubberies, borders, or sub-tropical gardens.

H.H.P. NIEREMBERGIA FRUTESCENS—Valuable for pots, or out of doors; flowers white, veined lilac. 1s. per pkt.

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H.H.P. **NIEREMBERGIA GRACILIS** — Charming plants for edgings, hanging baskets, or rockwork. 1s. per pkt.

H.A. **NIGELLA DAMASCENA** (Devil-in-a-Bush)—Blue, $1\frac{1}{2}$ feet high. 3d. per pkt.

H.A. **NIGELLA HISPANICA** (Love-in-a-Mist)—Brown and white, $1\frac{1}{2}$ feet high. 3d. per pkt.



NIGELLA DAMASCENA.

H.H.A. **NYCTERINIA SELAGINOIDES** Beautiful miniature plant covered with blossom, well suited for rockwork and edgings. 3d. per pkt.

H.P. **CENOTHERA MACROCARPA** (Evening Primrose)—Immense flowers of a rich yellow colour. 3d. per pkt.

H.P. **CENOTHERA TARAXACIFOLIA** (Acaulis) — Large and beautiful silver-white flowers; dwarf. 1s. per pkt.

H.H.P. **OXALIS ROSEA** — Rosy-purple, very desirable, free bloomer. 1s. per pkt.

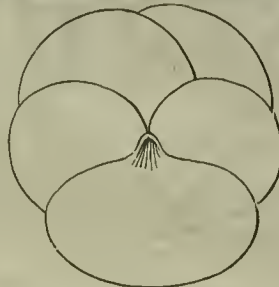
H.H.P. **OXALIS ROSEA ALBA** — Pretty pure white variety. 1s. per pkt.

H.P. **OXLIPS** — Are a grand sight; their many colours and profuse flowering render them a most interesting class. 6d. per pkt.

PANSIES — We grow the largest and most complete collection of all this family in the kingdom. Pansies and Violas form a separate department in our gardens; for years we have been improving all classes, the Rainbow section in particular, these varieties possess more real sallow blue colour than any other kinds, and are favourites with every one. The seeds we now offer—if the plants are put in open beds, previously deeply dug, and manured good ground—will be a charm indeed; they are not large, but lovely in the extreme.

H.P. **PANSY, BELGIAN, OR FANCY** — Our collection is one of the finest and largest in the kingdom, flowers possess most peculiar and beautiful markings, some striped and blotched

with more brilliant and envious colours than we have in any other flower. 1s. per pkt.



SNOW QUEEN.

H.P. **PANSY SNOW QUEEN** — We have many white Pansies, but none can compare with this, it is so white and pure that all others appear dirty when planted by the side of it, therefore the effect is most pleasing; it is certainly one of the best novelties introduced amongst Pansies for years. 1s. per pkt.

H.P. **EYNSFORD SWEEP**. — The best black Pansy in cultivation. When exhibited in the great show at the Temple Gardens it caused quite a furore amongst all beholders. 1s. per pkt.

H.P. **EYNSFORD YELLOW** (New). — The finest yellow Pansy for bedding. 1s. per pkt.



RAINBOW PANSY.

H.P. **PANSY "RAINBOW"** — No Pansies are so lovely and elegant as these, not on account of their great size as their surprising colours. almost every shade can be seen in them; but a bright blue and purple prevails blended one into the other, hence its name; they are most deliciously scented and free flowering, and the surprise of all, in our opinion they will give something more than satisfaction. 1s. 6d. per pkt.

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STRIPED PANSY.

H.P. FAUST, OR KING OF THE BLACKS—Beautiful black-coloured Pansy. For spring bedding and general garden decoration it is a most striking variety. 1s. per pkt.

H.P. PANSY TRIMARDEAU (*Viola tricolor maxima*)—An entirely distinct and beautiful new race, which will commend itself to all lovers of this popular flower. The plants are of vigorous though compact habit, the flowers

H.P. DR. SANKEY'S STRIPED

—For many years this gentleman, the oldest and most successful hybridiser and raiser of flowers in the world, has so improved these kinds that they will now and for henceforth form a very distinct class; colours wonderfully bright and attractive, and gives us a new feature in Pansies. 1s. per pkt.

carried well, and each one is marked with three large blotches or spots; they are exceedingly large, and most varied shades of colour. 1s. 6d. per pkt.

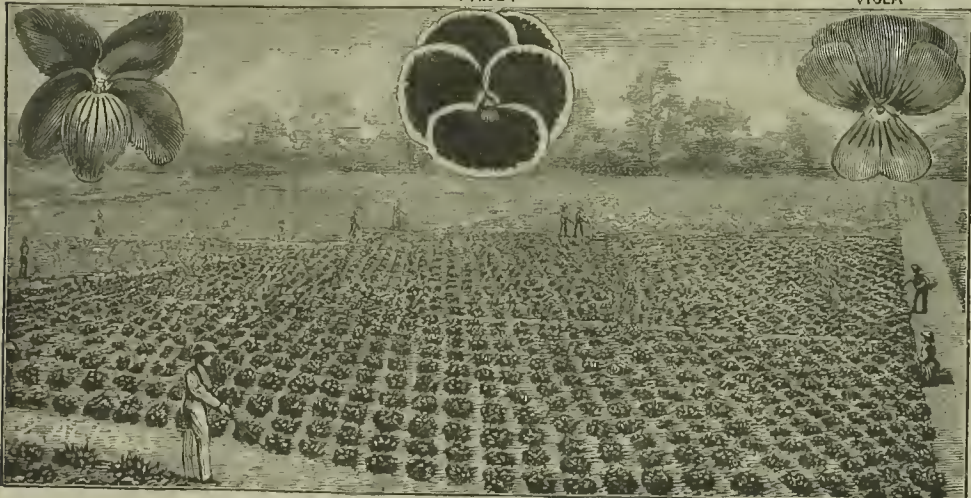
H.P. PANSY SHOW, EXTRA CHOICE MIXED—Saved from our acre of Pansies, the finest collection in the South of England. 1s. 6d. per pkt. See Collection.

H.P. PANSY—Mixed from a good strain. 6d. per pkt.

VIOLET

PANSY

VIOLA



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TRIMARDEAU PANSY.

PAPAVERS, OR POPPIES—All those who want the gayest garden with the least trouble and expense, by all means try a packet of our Poppy. Simply scatter the seed over the ground, one hoeing, and you will have ten rods of ground a mass of colour for months; ours was a grand sight last year.

H.A. PAPAVER CARYOPHYLLOIDES (Carnation Poppy)—Finely fringed edge; very pretty. 3d. per pkt.

H.P. PAPAVER BRACTEATUM—Red, with black blotches, 3 ft. high. 3d. per pkt.

H.A. PAPAVER MEPHISTO—New single-flowering Poppy, raised by a sport of Papaver "Danebrog" (scarlet with silvery white spots), introduced in 1883. The colour of the flower is of a fiery deep scarlet, bearing on each of the four petals a large blackish violet spot; very showy variety. 3d. per pkt.

H.A. PAPAVER DANEBROG (Danish Flag Poppy)—New single-flowering Poppy of striking effect. The appearance of the plant in growth and height being betwixt *P. umbrosum* and the popular double-fl. Garden Poppies; the flowers are of a brilliant scarlet colour, bearing on each of the four petals a large silvery white spot, forming thus a white cross on scarlet ground, similar to the Danish and Swiss national banners. Very desirable and showy novelty. 3d. per pkt.

H.P. PAPAVER NUDICAULE ALBUM (Iceland Poppy, White). 1s. per pkt.



PAPAVER DANEBROG.

H.P. PAPAVER NUDICAULE MINUTUM (Iceland Poppy, Orange)—Exceedingly pretty, brilliant orange-scarlet flowers; very showy. 1s. per pkt.

H.P. PAPAVER ORIENTALE—Deep scarlet with black blotches; a grand border plant. 3d. per pkt.

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PÆONY-FLOWERED POPPY.

H.A. PAPAVER PÆONIFLORA (Pæony-flowered Poppy)—These showy, double-flowering Poppies are well known as effective additions to mixed borders and large gardens and for ornamental shrubberies. Finest mixed, 3d. per pkt.

H.A. PAPAVER PÆONIFLORA (Double White)—A white form of the preceding; very handsome. 3d. per pkt.

H.P. PAPAVER PILOSUM—Very free-growing border plants, with salmon coloured flowers. 1s. per pkt.

H.A. PAPAVER SOMNIFERUM FIMBRIATUM (Double-fringed Garden Poppy)—These produce a great variety of colour, and make a grand display. 3d. per pkt.

H.A. PAPAVER SOMNIFERUM FIMBRIATUM (Double White). 3d. per pkt.

H.A. PAPAVER MARSELLI, "MIKADO" (New Striped Japanese Poppy)—Beautifully sent and fringed; colour, at the back white, edges crimson scarlet. 3d. per pkt.

H.A. SHIRLEY POPPY.—Of all the Poppy tribe the Shirley strain gives us the loveliest of colours, combined with exquisite form and the most remarkable floriferousness. To have the plants at their best, and flowers in finest form, seed should be sown quite early in September, so that the plants may be dibbed out singly some 15 or 18 inches apart in good rich soil, although seed sown in spring does very well indeed if sown *very thinly*. 3d. per pkt.

H.P. PAPAVER NUDICAULE (Iceland Poppy, Yellow)—Fine for rockwork; dwarf. 1s. per pkt.

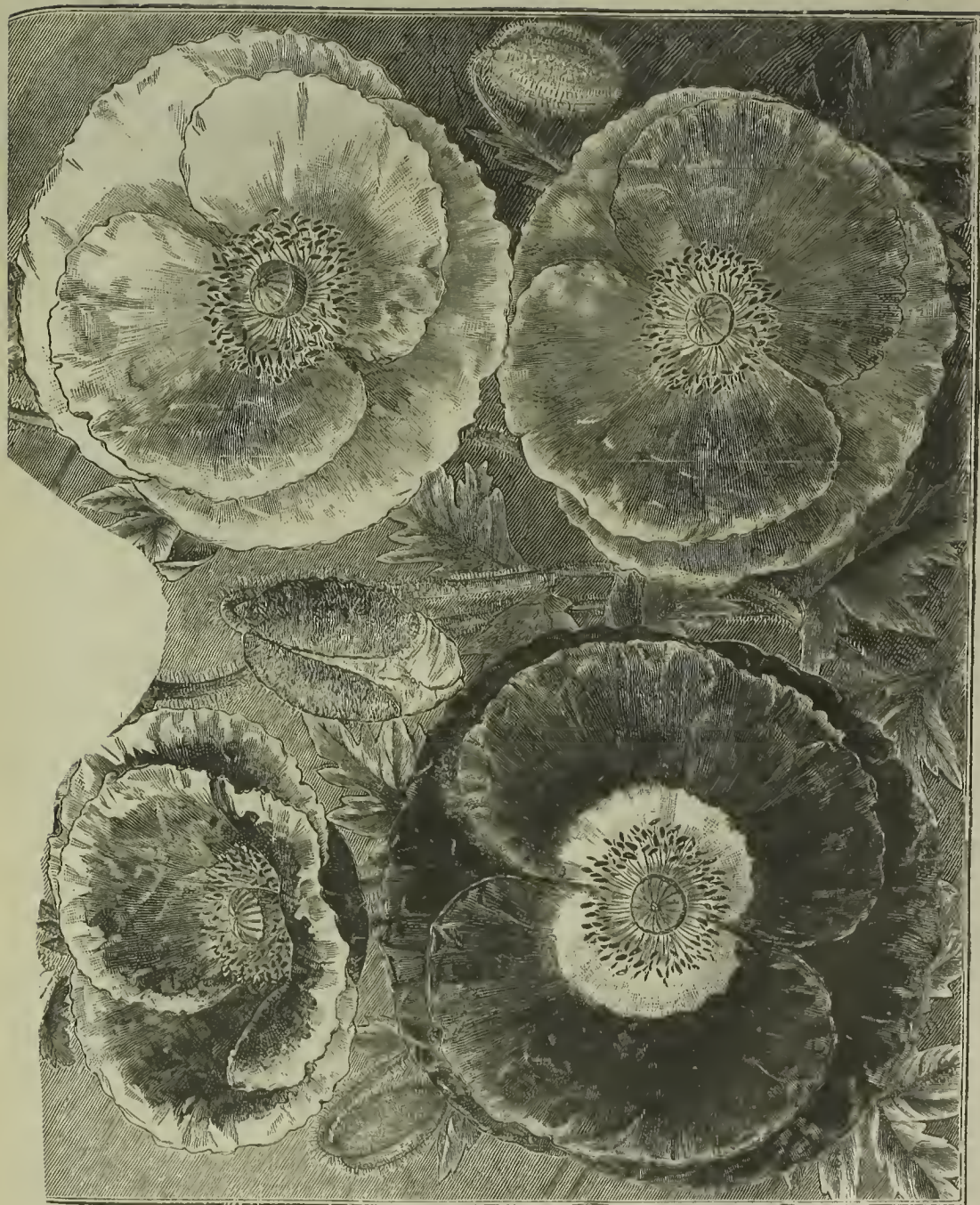
H.P. PAPAVER NUDICAULE (Iceland Poppy, Mixed). 1s. per pkt.

H.P. PAPAVER (POPPY) UMBROSUM—The most beautiful dwarf single Poppy; somewhat resembles the ordinary field kind in growth, but a most vivid red, with a large intense black blotch at the base of each petal, rendering it most striking and surprising; it is really one of the best. 3d. per pkt.

The seed should be sown in the autumn, grown on through the winter, and planted out in early summer; they will then make a grand display (applies to P. Umbrosum and Iceland varieties only).

H.A. PAPAVER LÆVIGATUM—New and very showy annual Poppy from Persia, about 2 feet to 2½ feet high, with fine-shaped large flowers, 4 inches in diameter, of a brilliant deep scarlet with black spots, surrounded by a white margin at the base of each petal. The two outside petals of the flowers are twice the size of the inside ones, so that each couple form a round cup by themselves; very free flowering and extremely showy. Per packet, 1s.

H.A. PAPAVER PAVONINUM (Peacock Poppy)—New Poppy, similar in habit to Papaver Umbrosum. The most striking feature of the flower is the conspicuous glossy black zone which marks the petals near the base, the united bands forming a complete ring, which shows to a great advantage on the brilliant scarlet ground colour, during the early part of the day. When fully expanded they are nearly four inches across, and are borne in considerable numbers. It succeeds in any ordinary garden soil, and may be sown either in spring or autumn, the finest plants being obtained by the latter treatment. Per pkt., 6d.



THE SHIRLEY POPPIES

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PAPAVER NUDICAULE.

PELARGONIUM ZONAL—Without doubt we have the finest and best collection of Zonal Geraniums in the world—both men and houses are entirely devoted to their culture. One large house contained upwards of 600 specimen varieties, exclusively for trial and seeding. The number being gradually reduced to 200 of the very choicest, including many of those now offered for the first time in this Catalogue, we can therefore confidently say the seed now offered is far superior in quality to any other yet introduced to the public, and cannot fail to bring forth some startling improved varieties, as it is carefully hybridised with only the very choicest kinds, and every known method of fecundation is adopted to effect thorough crosses. 1s. per pkt.

PELARGONIUM, SHOW—The finest large flowering sorts. Mixed, 2s. per pkt.

PELARGONIUM, FRENCH SPOTTED—2s. per pkt.

PELARGONIUM, FANCY—The choicest. Mixed, 2s. per pkt.

PELARGONIUM, GOLD BRONZE—2s. 6d. per pkt.

H.P. PINK—All from our unrivalled collection, saved only from splendid flowers, and cannot fail to produce some first class new varieties. See Collection. 2s. 6d. per pkt.

Sow the seed about May, and treat the same as recommended for Carnations.



ZONAL PELARGONIUM.

H.P. PENTSTEMONS—Saved from our own Catalogue collection, which embrace all the best up to the present, including every new variety, and cannot fail to produce flowers of superior quality. 1s. per pkt.

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PAPAVER UMBROSUM.

H.P. PENTSTEMON JEFFRAYANUS—A beautiful and valuable herbaceous perennial, erect spikes of rich azure blue flowers, produced continuously from June to the end of December. 1s. per pkt.

Sow in March in pans, using light soil, and place in a dark frame and gentle heat; prick out into other pans when strong enough to handle, and continue to grow on freely in heat until established, then gradually harden off. By the end of May they can be planted out 18 inches apart, into good soil and open situation.

H.H.A. PERILLA NANKINENSIS—A distinct and useful ornamental plant; leaves dark reddish mulberry; desirable for masses and lines in flower gardens. 3d. per pkt.

H.A. PHACELIA CAMPANULARIA (A. Gray)—In habit it resembles the well-known *Whittlavia grandiflora* (which is now placed by botanists in the genus *Phacelia*), but has a much more spreading and bushy habit of growth, and is therefore more floriferous; an average plant will cover nine square inches of ground. The

greatest attraction of the plant consists in its large and numerous flowers, of the finest deep gentian satiny blue, of a shade rivalling that of *Salvia patens*, produced in terminal racemes of from 12 to 20 blossoms, which are developed in succession. Each flower is about three-fourths of an inch across, of an erect campanulate form, with a spreading five-lobed limb, and short funnel-shaped tube, marked in the throat with fine oblong white spots. It has received a First-Class Certificate from the Royal Horticultural Society. 1s. per pkt.

H.A. PHACELIA BIPINNATIFIDA—Blue. 3d.

H.P. PHYSALIS ALKEKENGII (Winter Cherry)—A curious perennial, with white flowers, succeeded by numerous transparent red berries. 3d. per pkt.

H.P. POLEMONIUM CŒRULEUM (Valerian Blue Greek)—Elegant fern-like foliage. 3d. per pkt.

H.P. POLEMONIUM ALBUM—White. 3d. per pkt.

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SINGLE PETUNIAS. (*See Collection in "Floral Guide."*)

H.H.P. PETUNIA HYBRIDA NANA COMPACTA (New Dwarf Inimitable Petunia)—Each plant forms a complete and densely branched bush, 5 to 8 inches high by as much in diameter, resembling a naturally-grown bouquet. Flowers a brilliant cherry-red, and each one is marked with a regularly-formed white star. Profuse bloomer; seedlings, when only 3 inches in height, begin to unfold their charming flowers; for market as well as for carpet bedding, a great future may be predicted. 1s. 6d. per pkt.



DWARF PETUNIA.

H.H.P. PETUNIA GRANDIFLORA FIMBRIATA—Flowers are of great size; the colouring of the throat extends to the middle of the petals. Unusually beautifully veined, and the colouration of flowers rose, crimson, and purple lines, which reflect a metallic tinge. 1s. per pkt.

H.H.P. PETUNIA NANA COMPACTA MULTIFLORA FL. PL. (Lilliput, double)—New double kind of this much-admired variety, producing dwarf and dense bushes upon which are borne very numerous and exceedingly pretty small double flowers of the most charming shades of colour; they are in part spotted and striped, and part self-coloured, giving the plant a very pleasing appearance. 2s. per packet.

H.H.P. PETUNIA GRANDIFLORA FIMBRIATA FLORE PLENO—Large-flowering double-fringed Petunias. *See Collection.* 2s. per pkt.

H.H.P. PETUNIA, DOUBLE LARGE-FLOWERING GREEN-EDGED—Double flowers, having broadly-margined green petals. 2s. per pkt.



DOUBLE PETUNIA.



R.H.P. PETUNIA (LARGE-FLOWERING YELLOW-THROATED) GRANDIFLORA
INTUS AUREA.

The new yellow-throated Petunia now offered, and which, after several years' careful selection, has at last been successfully fixed, constitutes a class of rare beauty. The characteristics are large-sized flowers of faultless form, with a broad and deep yellow throat, which is generally veined after the manner of the *Salpiglossis*. The latter colouring heightens the effect of that of the outer surface of the petals, and completes the beauty of the entire flower. This particularly refined class, obtained from *P. superbissima*, yields, despite repeated fertilisations, very little seed. 2s. per pkt.

R.H.P. PETUNIA HYBRIDA—Finest mixed for bedding. 6d. per pkt.

Our Petunia Seed is well known to be the best in England.

Cannell & Sons' Complete Seed Guide.



PHLOX DRUMMONDI.

SPLENDID BEDDING ANNUALS.

This new Phlox has proved a splendid acquisition.

Our large bed of these is a grand sight every year.

H.H.A. PHLOX DRUMMONDI GRANDI-FLORA—These comprise the most brilliant colours imaginable; the flowers are larger than those of the older kinds, and of finer substance. We consider it safe to observe that there is no known annual which will more amply repay any care bestowed upon it. The finest mixed, 1s. per pkt.

H.H.A. PHLOX DRUMMONDI GRANDI-FLORA ALBA—Flowers pure white; very useful where white flowers are in demand. 1s. per pkt.

H.H.A. PHLOX DRUMMONDI GRANDI-FLORA SPLENDENS—Refulgent scarlet-red flowers, rendered further remarkable by a large white eye, the centre of which is encircled with a well defined violet edge. 1s. per pkt.



PHLOX DRUMMONDI FIMBRIATA.

H.H.A. PHLOX DRUMMONDI (mixed)—Very handsome useful summer and autumn bedding plants; the flowers, which vary from white to purple and rich crimson, are borne in great profusion many months in succession. 1s. per pkt.

H.H.A. PHLOX DRUMMONDI FIMBRIATA—The petals of all the known Phlox varieties are entire, but in this variety they are partly fimbriate, partly three-toothed, the centre-teeth are almost twice as long as the lateral ones, all distinctly bordered with white, which, together with the bright eye of the centre, picturesquely contrast with the magnificent velvety colours, consisting already of more than twenty-five very splendid distinct colours. We offer it in finest mixture. 1s. per pkt.



H.H.A. PHLOX DRUMMONDI CUSPIDATA ("Star of Quedlinburgh")—This novelty, which has been obtained from the Phlox Drummondii fimbriata, is slightly more compact than that variety. The size of the flower is the same, but the pointed centre-teeth of the petals (five in number) are five to six times as long as the lateral ones, and project beyond them like little spikes $\frac{1}{4}$ to $\frac{1}{2}$ inch long, giving the flowers a distinctly-marked, regular, star-like form, whose beauty is enhanced by the broad white margins which borders the edges of the petals. This novelty will prove to be one of the finest flowers for fine bouquets, pot flower, market purposes, or open ground. Offered in finest mixture of nearly twenty colours. 1s. per pkt.

H.P. PHLOX DECUSSATA (Perennial Phlox)—From the finest collection. Mixed, 1s. per pkt.

H.P. PHORMIUM TENAX (New Zealand Flax)—Fine evergreen foliage: flowers buff coloured. 1s. per pkt.

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PRIMULAS.

Our strains are well known to be the best in the World.

FOR many years past we have exhibited side by side with all comers, we have not only been awarded more First-Class Certificates than all other growers combined, but above that, although until some years ago we refrained from competing until prizes had to be given to comparatively useless kinds, which alone induced us to enter our exhibits, and on the very first occasion we bent all comers into a cocked hat and the next season we were left alone, "masters of the field," not one dared to compete with us; and it is a fact, to prevent the class being expunged, we last year promised not to enter for prizes, and independent of that promise we gave £5 on purpose to revive competition. All this may perhaps appear incredible, nevertheless it is a fact, and in our opinion it is solely due to the superiority of our kinds, every one of which are our own raising, and totally away from the worthless sorts one sees puffed up in advertisements and gaudy colours and exaggerated engravings, from one end of the world to the other. Ours are the only varieties generally cultivated, and the demand is so extensive that we can only supply our old and regular customers.

At the great Primula contest held at the Royal Aquarium National Primula Show for the best collection, we entered for competition 20 lovely and distinct varieties, side by side with the oldest, largest, and the most expert growers in England, also the greatest miscellaneous exhibitors, and the result was

THE FIRST PRIZE!

None of the others bore even the slightest comparison to ours.

Above and beyond the highest award we were presented with an Extraordinary Special Certificate bearing the following words:—

"We hereby certify that this Certificate has been awarded to H. CANNELL & SONS for an excellent representative collection of Primulas of high-class quality at the Exhibition of the National Society, held January 14th, 1888.

(Signed) "RICHD. DEAN, } Judges."
"GEO. GORDON, }

Together with *Two First-Class Certificates*, which clearly demonstrates beyond all dispute, and is certainly the most conclusive proof of, the superiority of our varieties over all others. The day previously, at the Royal Horticultural Society, the same plants were unanimously granted the high distinction of a Silver-Gilt Medal by the Floral Committee and a First-Class Certificate. In addition, the oldest and greatest experts pronounced the collection the best and most complete ever exhibited.

It was admitted, and the best judges confirmed it, that no other Primulas in this great Show, where all the best were shown side by side, could for a moment bear comparison with ours in either colour or shape.

MAGAZINE, 11th January, 1890.

NATIONAL CHRYSANTHEMUM SOCIETY'S MIDWINTER SHOW.—Messrs. H. Cannell & Sons staged a large and extremely beautiful collection of Primulas, and were awarded the Silver Medal.

PRIMULAS (PRIMULA SINENSIS).

MISS CANNELL—On account of its good habit and wonderful freedom in flowering, together with its beautiful shade of colour, has made *Princess of Wales* a universal favourite, and we feel quite sure the above new variety will be equally as well appreciated, as it possesses a fine robust habit, extremely floriferous, and producing large, finely-formed, prettily fluted white flowers, most delicately shaded with a mauve blush tint. Awarded a First-Class Certificate. Clear yellow centre. 5s. per pkt.

IMPROVEMENT—The highest bright red is a grand march onwards of the Swanley-Red type; habit, size, substance, and fiery colour of its flowers far excels all others; habit and freeness, together with its fine flowers, constitute it a gem. First-Class Certificate. 2s. 6d. per pkt.

Cannell & Sons' Complete Seed Guide.

WHITE PERFECTION — The loveliest and the most perfect in habit, flower, and freeness, and stands at the head of this class. In February (1887) it was exhibited in between two which were expected to excel it, but it far-distanced them by long odds, and confirmed the fact that no other variety raised is near its equal. First-Class Certificate. 2s. 6d. per pkt.



WHITE PERFECTION.

W. H. WALTERS, Esq., Gondoy Estate, Dehate, Ceylon, *October 3rd, 1890.*

Having heard from two of my friends how successfully you sent plants, &c., to Ceylon, and how well they thrive, induces me to send you an order. Kindly forward as per list.



SWANLEY BLUE.



IMPROVEMENT, DEEP RED.

Canrell & Sons' Complete Seed Guide.

SWANLEY PURPLE—No Primula is more beautiful and attractive; was admired probably more than any other variety at most of the large shows during the autumn; it received a First-Class Certificate. 2s. 6d. per pkt.

SWANLEY WHITE, IMPROVED — Pure pearly-white colour. 2s. 6d. per pkt.

SWANLEY BLUE—Identical, or nearly so, with what has been shown as blue colour; it is a

beautiful mauve, perfectly distinct, and one of the most uncommon coloured Primulas of the whole collection; very striking. 2s. 6d. per pkt.

THE QUEEN—One of the largest White Primulas in cultivation; the strongest grower, and one that should and will be in every collection. When well grown it is the giant and pride of the house; very free and a splendid kind. First-Class Certificate from the Floral Committee of the Royal Horticultural Society. 2s. 6d. per pkt.

The above mixed, 5s. per pkt.; half-pkt., 2s. 6d.

DOUBLE PRIMULA SINENSIS FIMBRIATA, FLORE PLENA.

Fringed, double white. Per pkt., 2s. 6d. and 5s.

„ „ brilliant magenta-red. Per pkt., 2s. 6d. and 5s.

„ „ white, fern-leaved. Per pkt., 2s. 6d. and 5s.

„ „ magenta-red, fern-leaved. Per pkt., 2s. 6d. and 5s.

„ „ Prince of Wales (Prince Arthur), flowers glowing scarlet; exquisite variety. Per pkt., 2s. 6d. and 5s.

„ „ white, striped carmine, distinct new variety. Per pkt., 2s. 6d. and 5s.

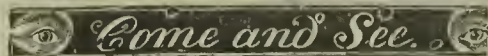
„ „ brilliant glowing scarlet, fern-leaved. Per pkt., 2s. 6d. and 5s.

„ „ mixed from above, beautiful colours. Per pkt., 2s. 6d. and 5s.

Our four houses, each 100 feet, from November to May presents the most wonderful sight ever seen.

HOW TO GROW PRIMULAS.

NOW often and how true it is remarked that England could double its present produce if the art of cultivation was better understood. The precisely same remark applies to Primulas—and, in fact, to all flowers, three-parts of which are positively starved and ill-treated. First, make yourself master of what creates health and vigour in a plant, and what will injure it, and its effect, and what loss is sustained by that injury. To thoroughly understand all this, see all our cultural remarks, particularly “How to grow soft-wooded plants to the height of perfection.” Sow the seed in May, and again in June, on a level surface of soil, composed of two parts rotten turfy loam, one of partly rotten leaf mould, one of decayed cow-manure, and a small quantity of sea-sand; this mixture of soil will do for all growths and potting. Just cover over the seed with some light material (sifted cocoa-nut fibre is the best), water lightly, but thoroughly, place in total darkness, and in about ten days examine, and give light and air; the moment the seed leaves appear gradually expose, and prick out, as soon as they can be handled, into small pots; shade, and at all times keep them as near the glass as possible (a cold frame is the best place up to the first cold weather in September); slightly shade from hot sun, and as soon as the roots make their appearance in the drainage-hole shift into 5 or 6 inch pots; be careful that this is done in a clean skilful manner, by not dirtying the foliage nor injuring the roots; pot firmly, pressing the soil down as tightly as you can with the forefinger; be sure that the soil is neither too wet nor too dry; sprinkle well, and shade and shut up rather closely for a few days; water with perfectly clear rain-water; and as soon as the plants show the flower-stem give them weak liquid manure once a week, and all the moisture you can without creating any damp or mould; keep in a temperature of from 50° to 60°, and one regular moisture at the root is the great secret of success, so that the soil never shows the least crack or vacancy round the inside of the pot; if this is allowed to occur, vigour is gone for the season. Often seedsmen and nurserymen are blamed for sending wrong and inferior kinds, and their engravings and descriptions set down as puff. We invite one and all to



OUR

— FLOWERS * AT * SWANLEY —

For other valuable cultural remarks, see Cyclamen, Calceolarias, and Cinerarias.

It is well known that our collection, solely for seeding purposes, is the choicest in the world, and are throughout the winter a sight worth seeing, for the new kinds possess such brilliancy of colour that they totally eclipse the older ordinary rose-coloured varieties; were it needed, we could append numerous extracts from every Horticultural Journal and other testimonials. (See Report of the Royal Horticultural Floral Committee Meetings.)

Cannell & Sons' Complete Seed Guide.

H.P. PRIMULA VERTICILLATA VAR. SINENSIS (*Abyssinian Primrose*)—White foliage; very fine. 1s. per pkt.

H.P. PRIMULA DENTICULATA CAPITATA (*Cashmeriana*)—A very pretty purple variety, foliage large, covered with golden farina on the under, and in some cases on the upper, surface. 2s. per pkt.

H.P. PRIMULA JAPONICA (*New Crimson Primrose*)—A superb alpine species, which has proved itself perfectly hardy; well known. 1s. per pkt.

H.H.P. PRIMULA OBCONICA—If sown in spring *Primula Obconica* blooms in the latter half of summer, but it is from December to June that in a conservatory or cold frame it attains its height of attractiveness and beauty, and all the while furnishes a very plentiful and useful material for cutting. The colour of the flowers, which measure about two-thirds of an inch across, slightly varies between white and pale lilac, and the plant has been described and favourably commented upon in all the gardening papers of repute. 2s. per pkt.

H.H.A. PORTULACA GRANDIFLORA FL. PL.—For brilliant, beautiful, and delicate flowers, this charming genus stands unrivalled; and, whether in baskets, beds, edgings, or rock-work, its large, splendid flowers, produced in the greatest profusion, are extremely effective; succeeds best in light, gravelly soil. Must be exposed to the full glare of the sun. 1s. per pkt.

H.H.A. PORTULACA SINGLE—1s. per pkt.

H.P. PYRETHRUM PARTHENIFOLIUM AUREUM (*Golden Feather*)—This is the best

yellow foliage bedding plant ever sent out. For autumn, winter, and spring decorations they look grand if sown about the middle of August. 3d. per pkt.

H.P. PYRETHRUM DOUBLE—From best named kinds. 1s. per pkt.

H.P. POTENTILLA—Handsome herbaceous plants. Finest mixed, 1s. per pkt.

H.P. PYRETHRUM AUREUM LACINATUM—Sport from *Golden Feather*, beautifully lacinated foliage, almost like a fern. 3d. per pkt.

H.P. PYRETHRUM AUREUM SELAGINOIDES—An entirely new and distinct form of *Pyrethrum*, of an exceedingly dwarf and compact habit, the flat foliage resembling fronds of *Selaginella Martensi* overlaying each other, which give the plant a wonderfully grand and level appearance. 1s. per pkt.

H.P. PYRETHRUM, GOLDEN GEM, OR "PARIS PEARL"—Invaluable bedding plant producing large, elegant, double-white flowers, which are continued without intermission from May to November. 3d. per pkt.

H.P. PYRETHRUM SINGLE—From best named kinds. 3d. per pkt.

H.P. RANUNCULUS ASIATICUS SUPERBISSIMUS—Splendid large-flowered double hybrids, flowering the second year from seed. Most valuable acquisition. 1s. per pkt.

H.H.A. RHODANTHE MACULATA—A very elegant variety, silvery pink, with yellow centre, beautiful alike either in bud or fully expanded. 3d. per pkt.

H.H.A. RHODANTHE MACULATA ALBA—3d. per pkt.



POLYANTHUS



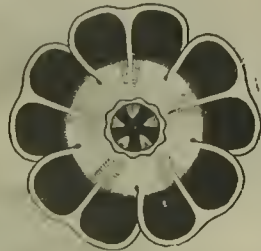
H.P. POLYANTHUS—Named varieties. Choice mixed, 1s. per pkt.

H.P. POLYANTHUS WHITE—Splendid. 1s. per pkt.

H.P. POLYANTHUS (Gold Laoed)—We have great pleasure in offering seeds of our well-known choice collection (*See Collection*), the best in the south of England. 1s. 6d. per pkt.

Sow in pots from February, and place in a gentle heat; when the seedlings are strong enough, prick out into other pans, and when well established, harden off; transplant in a shady border, free from drip, 6 inches apart.

Cannell & Sons' Complete Seed Guide.



THE CHOICEST NAMED COLLECTION OF POLYANTHUS IN ENGLAND.

H.P. POLYANTHUS, HOSE-IN-HOSE—
Finest mixed, 2s. 6d. per pkt.

POPPY—See Papaver.

H.P. PRIMROSE (Hybrid) — Extra fine, many colours, saved from our fine seedling varieties. Keep the seed moist and cool; some will germinate soon after sowing; others much later. 1s. per pkt.

H.P. PRIMROSE, COMMON YELLOW—
1s. per pkt.

H.P. PRIMROSE, "BEACONSFIELD PRIMROSES." 1s.

H.P. PRIMROSE HARBINGER—We are now able to offer seed of this magnificent White Primrose, which is far in advance of all other whites. 2s. per pkt.



PORTULACA GRANDIFLORA FL. PL.



RANUNCULUS ASIATICUS SUPERBISSIMUS.

H.H.A. RHODANTHE MANGLESI (Ever-lasting Flowers)—Elegant half-hardy annual, 10 to 15 inches high, with dwarf erect branching habit, and bright rose-coloured flowers 3d. per pkt.

H.H.A. RHODANTHE ATROSANGUINEA —Very fine, crimson. 1s. per pkt.

H.H.A. RICINUS GIBSONI—Dark purple stem and leaves, very fine and ornamental; the best of all the ornamental-leaved Castor Oil plants for sub-tropical appearance. 3d. per pkt.

Cannell & Sons' Complete Seed Guide.



RHODANTHE MACULATA.

H.H.A. RICINUS ROSEUS MAGNIFICUS
(Castor Oil)—A distinct and beautiful variety, of dwarf and bushy habit, with large palmate leaves; seed vessels beautiful rose-pink, borne in large clusters. 3d. per pkt.

H.H.A. RICINUS BORBONIENSIS ARBOREUS—Extra fine, growing 15 ft. high. 3d. per pkt.

H.H.A. RICINUS GIBSONI MIRABILIS—A handsome variety; dwarf. 3d. per pkt.

H.H.A. RICINUS GUYANENSIS—Dwarf. 3d. per pkt.

O.P. RIVINA HUMILIS—The prettiest red berry-bearing plant that we have, and for table decoration all through the autumn a gem; no warm greenhouse should be without it. 1s. per pkt.

H.P. RUDBECKIA AMPLEXICAULIS—Yellow flowers. 3 feet high. A bunch of these look very handsome arranged with their own foliage, and last a long time in water. 3d. per pkt.

H.P. RUDBECKIA DRUMMONDI—Orange. 3d. per pkt.

H.H.A. SALPIGLOSSIS—Large handsomely marked flowers, varying in tint from creamy white to black, blue, and purple; has a splendid effect. Sow in March. 3d. per pkt.

H.P. SALVIA ARGENTEA—Very silvery foliage, large size; a most effective and beautiful plant. 3d. per pkt.



RIVINA HUMILIS.

Cannell & Sons' Complete Seed Guide.



RUDBECKIA AMPLEXICAULIS.

H.P. SALVIA FARINACEA—A first-class branching shrubby plant, 2 feet high, for summer bedding, of a habit similar to the *Salvia splendens* and flowering at the same time. If sown early in the spring, the ends of the branches begin to show the flower-spikes in July; these are light blue, and retain for months this beautiful shade; the readiness with which it flowers in the open ground, combined with its easy cultivation, will soon make it a universal favourite in our flower garden. 6d. per pkt.

H.H.A. SALVIA HISPANICA—A very fine annual, grows to a height of 3 feet, and its glittering azure charming blossoms form a fine contrast to the glossy green foliage. 3d. per pkt.

H.H.P. SALVIA PATENS—Splendid blue. 1s. per pkt.

H.A. SANVITALIA PROCUMBENS—Very effective, dwarf, close-growing plants, admirably suited from their continuous and free-blooming habits for filling beds, planting edgings, rock-work, &c. 3d. per pkt.

H.A. SANVITALIA PROCUMBENS FL. PL.—Very double golden yellow flowers. 3d. per pkt.

H.N. SCABIOSA ERIDADIDISSIMA. 3d. per pkt.

H.A. SEDUM CÆRULEUM—A pretty blue flowering stone-crop. 1s. per pkt.

H.A. SAPONARIA CALABRICA (MULTI-FLORA)—One of the prettiest and most useful annuals for bedding purposes; flowers dark rose, produced in great profusion for many months. 3d. per pkt.

H.B. SCABIOSA DWARF. DOUBLE (Mixed)—Fine for beds or mixed borders; rich and beautifully coloured flowers; excellent for cutting. 3d. per pkt.

H.A. SAPONARIA CALABRICA ALBA—A white-flowered variety of the preceding; in all other respects similar; very desirable for contrast. Sow in the open in August or early in spring. 3d. per pkt.



SCABIOSA (OR MOURNING BRIDE).

H.H.A. SCHIZANTHUS GRAHAMI—Elegant garden or greenhouse variety; lilac and orange. 3d. per pkt.

H.H.A. SCHIZANTHUS PINNATUS PYRAMIDALIS "TOM THUMB"—Perfectly constant variety, symmetrical growth, only 10 inches high, abundance of flowers; purple, with black centre; an acquisition. 3d. per pkt.

H.H.A. SCHIZANTHUS RETUSUS NANUS—New dwarf, only 1 foot high; flowers bright scarlet, with orange, red, and dark brown, shaded. 3d. per pkt.

H.A. SENEIO or JACOBÆA (DOUBLE)—Free-flowering plants, producing their gay-coloured flowers in great profusion. Mixed, 3d. per pkt.

H.P. SEMPERVIVUM TABULÆFORME (The Table Plant)—A splendid succulent. 1s. 6d. per pkt.

H.A. SILENE PENDULA—Pink. 3d. per pkt.

H.A. SILENE PENDULA FL. PL.—A splendid double variety, flowers rose-carmine. 1s. per pkt.

H.A. SILENE PENDULA COMPACTA ALBA—Dwarf and compact, very recommendable for edgings, white. 3d. per pkt.

H.A. SILENE PENDULA ALBA—White. 3d. per pkt.

H.A. SILENE PENDULA—Mixed. 3d. per pkt.

H.A. SILENE PENDULA NANA COMPACTA—A very beautiful spring bedding plant, dwarf and compact; flowers bright pink, borne profusely in a dense compact mass; valuable for edging on riband borders. 3d. per pkt.

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SILENE PENDULA NANA COMPACTA.



SILENE PENDULA, DOUBLE.



SOLANUM, HYBRID IMPROVED.

Cannell & Sons' Complete Seed Guide.

H.A. SILENE PENDULA COMPACTA NANA FOL. AUREA—The yellow foliage Silene, flowers pink, very dwarf; most useful. 3d. per pkt.

H.A. SILENE PENDULA COMPACTA RUBERRIMA FL. PL.—Splendid variety, flowers red. 3d. per pkt.

G.SH. SOLANUM HYBRIDUM EMPRESS—Very compact, laden with large, bright coral-red berries, four to six in a cluster; invaluable as a decorative plant. 1s. per pkt.

G.SH. SOLANUM HYBRIDUM HENDERSONI—Brilliant, glossy, orange-coloured, cone-shaped, erect fruits. 1s. per pkt.

G.SH. SOLANUMS, HYBRID IMPROVED—These are beautiful for winter decoration, and are of easy culture. 1s. per pkt.

Sow in January, keep them growing, and by the autumn they will be covered with round, bright orange-coloured berries, which are very pretty all the winter.

H.P. STACHYS LANATA—A very hardy plant, with large woolly leaves, close compact growth; fine for large broad margins. 3d. per pkt.

The Intermediate or Spring-flowering Stocks are extensively cultivated for Covent Garden Market; in the early summer months, during the "London Season," it constitutes one of the principal features in furnishing jardinets, etc., and is also of great value in filling the early summer flower beds. The East Lothian Stock is more branching than the True Intermediate, and therefore not so well adapted for pot culture, but is more valuable for the flower garden. For autumn flowering sow early in spring; for spring flowering sow early in July, and winter in cold frame.

H.N. STOCK, BROMPTON—A strong growing biennial variety, very useful for winter or spring gardening. Scarlet, 1s. per pkt.; Purple, 1s. per pkt.; White, 1s. per pkt.; Finest Mixed, 1s. per pkt.



BROMPTON STOCK.

H.H.A. STOCKS, LARGE-FLOWERED GERMAN TEN-WEEK—Finest mixed colours; extra fine. 1s. per pkt.

H.B. STOCKS, INTERMEDIATE—This seed is saved from the best Covent Garden Stock, Scarlet, 1s. per pkt.; White, 1s. per pkt.; Purple, 1s. per pkt.; Mixed, 1s. per pkt.

H.B. STOCKS, EAST LOTHIAN, INTERMEDIATE (Edinburgh Prize Strain)—Magnificent in beds or ribbon borders, also herbaceous borders; grows rapidly and flowers abundantly from August to January, forming quite a link between summer and spring flowers.

WHITE—Pure white, grand flowers. 1s. per pkt.

MAGENTA CRIMSON—New, vivid colour, very choice. 1s. per pkt.

PURPLE—Grand. 1s. per pkt.

WHITE (Wallflower leaved)—Admirably adapted for growing in pots, as it seldom grows more than one foot in height; flower fine, perfume delicious. 1s. per pkt.

MIXED. 1s. per pkt.

H.H.A. PERPETUAL TEN-WEEK STOCK—Snow white, Princess Alice; fine for pot culture and cut flowers. 1s. per pkt.

H.B. STOCK, PERFECTION GIANT, BROMPTON—The display produced by the profusion of bloom is truly magnificent, some of the flower-stems measuring 2½ to 3 feet; 3 distinct colours. Mixed, 1s. per pkt.

Brompton should be sown in July, and planted out in a good soil in a sheltered situation; they generally stand the winter without protection, and make a grand display in June and July.

H.H.A. STOCK, PERPETUAL-FLOWERING—Dwarf, mixed. 1s. per pkt.

H.H. STENACTIS SPECIOSA—Purple flowers, plants 2 feet high; if the seed is sown in a slight hotbed in March, it will produce flowering plants the same year. 3d. per pkt.

SWEET ALYSSUM—See Alyssum Maritimum.

SWEET SULTAN—See Centaurea Mosehata.

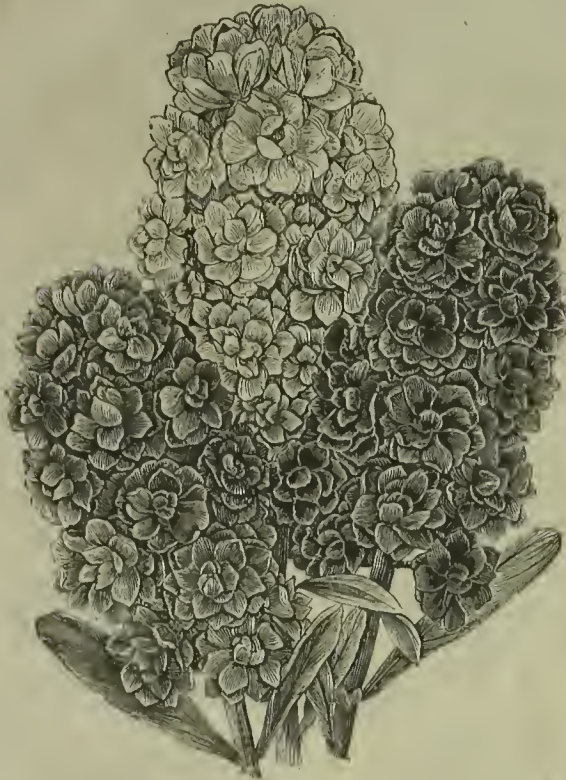
SWEET WILLIAM—See Dianthus Barbatus.

H.P. STELLARIA GRAMINEA AUREA—Neater than Golden Feather, and, like that, far better from seeds than plants. 1s. per pkt.

H.H.A. TAGETES, SIGNATA PUMILA—A miniature variety of Marigold, with small pinnate leaves, golden yellow flowers, striped with crimson during autumn and summer months; one of the most useful annuals for bedding and decorative purposes. 3d. per pkt.

G.A. THUNBERGIA ALATA—Beautiful climber for pot culture in conservatories, and for low walls on warm aspects in the garden, growing 4 to 6 feet high, and flowering profusely throughout the summer months; flowers pale buff with nearly black throat, leaves shaped somewhat like a spade. 3d. per pkt.

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LARGE FLOWERINO DOUBLE GERMAN TEN-WEEK STOCK.



PERPETUAL TEN-WEEK STOCK,
"PRINCESS ALICE."

H.H.A. GERMAN EMPEROR STOCK—
Extra fine, mixed, 1s. per pkt.

The above varieties of Stock have proved to be the most distinct and decorative and suitable to the different styles of gardening for which the Stock is so admirably adapted. All are desirable pot-plants, and are greatly prized as cut flowers, both for their diverse colours and fragrance. For a continuous succession of bloom, seed should be sown at intervals from the beginning of March to the end of May; the first sowing under glass, the latter sowings may be made where the plants are intended to bloom.



PERPETUAL STOCKS.

FOR COLLECTION OF STOCKS, SEE PAGES 84 TO 87.

Cannell & Sons' Complete Seed Guide.



TAGETES SIGNATA PUMILA.



STENACTIS SPECIOSA.



STATICE SPICATA.

Cannell & Sons' Complete Seed Guide.

H.H.A. STATICE SPICATA (Everlasting)
—Forms long spikes of rosy-pink flowers; of easy growth. 3d. per pkt.

G.P. STATICE HALFORDII (Everlasting)
—A superb blue variety, useful for the decoration of the green-house. 1s. per pkt.

H.H.A. STATICE SUWOROWI
—By far the finest of all annual Statice, and indeed one of the showiest annuals we possess; similar in habit to *S. spicata*, but greatly superior to it. Its branching flower spikes, of a very bright rose with a crimson shade, appear successively from ten to fifteen on each plant, and measure each fully 15 to 18 inches in length, and from $\frac{1}{2}$ to 1 inch in breadth; the foliage lying flat on the ground is comparatively small and completely hidden by the numerous flower spikes, each leaf being about 5 inches long and $1\frac{1}{2}$ to 2 inches broad, undulated and glaucous. One plant will last in flower more than two months, and if sown in succession from February to April, it may be had constantly flowering throughout the summer and autumn. A whole bed of this lovely plant in full bloom is a truly magnificent sight, being one mass of flowers. 1s. per pkt.

H.A. SWEET PEAS—Finest varieties mixed. 3d. per pkt.

H.A. SWEET PEA, PRINCESS BEATRICE—A beautiful pink. 6d. per pkt.

H.A. SWEET PEA, ADONIS—Bright carmine. 6d. per pkt.

H.A. SWEET PEA, FAIRY QUEEN—Flesh coloured. 6d. per pkt.

H.A. SWEET PEA, BUTTERFLY—Wonderfully attractive. 3d. per pkt.

H.A. SWEET PEA, INVINCIBLE SCARLET—3d. per pkt.

H.A. SWEET PEA, PURPLE—3d. per pkt.

H.A. SWEET PEA, PAINTED LADY—3d. per pkt.

H.A. SWEET PEA, WHITE—3d. per pkt.

G.A. TORENIA BAILLONI—A gem; yellow, with a purplish-brown tube; is very effective as a basket plant in a compost of two parts peat and one part loam and leafy mould. 1s. per pkt.

G.A. TORENIA FOURNIERI SUPERBENS—Large sky-blue flowers with indigo-blue spots and bright yellow in centre; if sown from February to April will bloom under glass from June to September, and will also thrive well if planted out in the summer months in a warm climate. 1s. per pkt.

H.H.A. TRICHOSANTHES COLUBRINA—Beautiful climbing plant, with long, elegant, serpent-like fruit from 5 to 6 feet in length, which when ripe is of a brilliant carmine colour. 3d. per pkt.

H.H.A. TROPÆOLUM LOBBIANUM (True)—Elegant, and remarkable for their richly diversified colours and profusion of bloom, being equally adapted for in or out door decoration, and very graceful growing over trellises, pillars, walls, &c. Mixed, 3d. per pkt.



STATICE SUWOROWI.

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TROPAEOLUM LOBBIANUM.



TROPAEOLUM CANARIENSE.

H. H. A. TROPAEOLUM CANARIENSE (Yellow Creeper)—3d. per pkt.

H. A. TROPAEOLUM MAJUS — Strong-growing; tall. Mixed, 3d. per pkt.

H. A. TROPAEOLUM, TOM THUMB, KING THEODORE—A distinct and very effective variety; foliage bluish green; habit compact; flowers very dark velvety crimson, borne in great profusion many months in succession. 3d. per pkt.

H. A. TROPAEOLUM, TOM THUMB, EMPRESS OF INDIA—One of the best of this section; very showy, a gem. 6d. per pkt.

H. A. TROPAEOLUM, TOM THUMB (Mixed)—Containing many showy varieties. 3d. per pkt.

H. A. TROPAEOLUM, TOM THUMB Scarlet—A beautiful scarlet; very showy. 3d. per pkt.

H. A. TROPAEOLUM, TOM THUMB Pearl—Creamy white; very pretty. 3d. per pkt.

H. A. TROPAEOLUM, TOM THUMB Crystal Palace Gem—Sulphur spotted with crimson. 3d. per pkt.

H. A. TROPAEOLUM, TOM THUMB Beauty—Scarlet and Yellow. 3d. per pkt.

H. A. TROPAEOLUM, TOM THUMB Spotted.—Scarlet and yellow. 3d. per pkt.

H. A. TROPAEOLUM, TOM THUMB King.—Dark foliage, intense scarlet blossoms, very handsome; strongly recommended. 3d. per pkt.

H. A. TROPAEOLUM, TOM THUMB. RUBY KING. 3d. per pkt.

H. A. TROPAEOLUM, TOM THUMB, CÆRALEA ROSEUM. 3d. per pkt.

H. A. TROPAEOLUM, TOM THUMB, COCCINEUM FOLIUS AUREIS — New yellow leaved Dwarf Nasturtium; flower scarlet, which forms a striking contrast with the pretty light foliage, very attractive as a bedding plant; quite distinct. 6d. per pkt.

Cannell & Sons' Complete Seed Guide.



TORENIA.



VALERIANA.



TROPEOLUM, TOM THUMB.



TYDÆA HYBRIDA NANA.

S.P. **TYDÆA HYBRIDA NANA** — The culture of the natural order *Gesneriaceæ* has been a speciality of our establishment for a number of years, and our seedlings of Gloxinias, etc., comprise the finest and most beautiful varieties existing in this genus. The Tydæas cultivated up to the present time have the disadvantage to grow to the height of $1\frac{1}{2}$ to 2 feet and more before they form their flower stems, while the new class is of dwarf growth, attaining only a height of 6 to 9 inches when in full bloom, being very free

flowering and varying in the same magnificent colours and strains as the tall sorts. Its very dwarf habit renders it very valuable, being equally as pretty as Gloxinias, and if sown early and potted forward these gay and effective varieties will also bloom the same season and at the same time. Constant from seed it is a novelty of great merit. 1s. 6d. per pkt.

H.P. **VALERIANA RUBER** — The well-known red garden Valerian. 3d. per pkt.

Cannell & Sons' Complete Seed Guide.



VINCA (PERIWINKLE).



WALLFLOWER (DOUBLE).

VENUS'S LOOKING-GLASS — See Campanula Speculum.

H.H.P. VERBENA HYBRIDA CANDIDISSIMA—Large pure white flowers. 1s. per pkt.

H.H.P. VERBENA HYBRIDA DARK BLUE—1s. per pkt.

H.H.P. VERBENA HYBRIDA DEFIANCE—Beautiful rich scarlet flowers. 1s. per pkt.

H.H.P. VERBENAS, CHOICEST MIXED—This seed is saved from our best collection—in fact, from all the best at present in cultivation. *Sow in heat early in spring.* 1s. per pkt.

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H.H.P. VINCA ROSEA ALBA PURA—Pure white. 3d. per pkt.

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CHAMPION CLOTH OF GOLD } Each,
1s. per pkt.

Six distinct varieties—1 pkt. of each, 3s.

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H.A. VIRGINIAN STOCK—When sown in February or March, a very gay display is produced in the flower garden with this plant, while spring flowers are passing away, and summer flowers are coming on.

ORIMSON KING. 3d. per pkt.

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The above are great improvements upon the older varieties.

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H.A. VISCARIA CARDINALIS—Splendid cardinal coloured. 3d. per pkt.

H.A. VISCARIA CŒRULEA—Blue; this fine variety produces a nice contrast with *cardinalis*. 3d. per pkt.

H.A. VISCARIA ELEGANS PICTA—Scarlet, margined white, elegant and beautiful. 3d. per pkt.

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WALLFLOWERS.

H.P. CANNELL'S IMPROVED MAROON—One is delighted when the eye rests on a very dwarf blood-coloured Wallflower; the darkness and the perfume of this variety far exceeds all others, and a few plants is a feature in every garden. 1s. per pkt.

H.P. WALLFLOWER PRIMROSE DAME—Quite distinct from all others. Colour a pale lemon; forms a striking contrast to the dark varieties. 3d. per pkt.

H.P. WALLFLOWER—Graham's yellow perfection. 3d. per pkt.

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GOLDEN TOM THUMB WALLFLOWER.

H.P. GOLDEN GEM—3d. per pkt.

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H.P. DOUBLE GERMAN—Dwarf, compact habit; exceedingly fine massive spikes of beautiful flowers. Finest mixed. 1s. per pkt.

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Wallflowers are prized for their delicious fragrance. In the spring they are indispensable for beds, groups, and ribbons; the large, massive, conspicuous spikes of the double German varieties have a charming effect; while the more bushy compact growth and profuse blooming of the single Wallflowers render them exceedingly attractive. A mass of Golden Tom Thumb, with its unalloyed rich golden orange blossoms, is a sight unrivalled; and so profusely does it bloom as to resemble a dense carpet of gold.

H.A. WHITLAVIA GLOXINIODES—The fine Gloxinia-like blooms of these recommend them for flower beds and border decoration during both spring and summer. 3d. per pkt.

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SUPERBISSIMUM FL. PL. ALBA—Grand
introduction; fine globular heads of pure white
flowers. 3d. per packet.



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(EVERLASTING.)

H. H. A. ZINNIA ELEGANS, SINGLE.
Mixed, 1s. per pkt.

H. H. A. ZINNIA ELEGANS, DOUBLE.
Mixed, 1s. per pkt.

For Collections of Zinnias, see page 85.



ZINNIA HAAGEANA FL. PL.

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H.H.A. ZINNIAS—These are amongst the most dazzling and durable of annuals, and the way in which they look best is in a bed or masses of mixed colours. Why many fail with them is in sowing them too soon, as they either get drawn or starved before it is safe to plant them out, or they get pinched with cold, and in either case they get such a check that they seldom recover. Any time in April is quite early enough to sow the seed, which ought to be sown in gentle heat to get it to germinate. As soon as the plants are up stand near the glass to keep them strong and stocky, and after being pricked out into boxes and well rooted, harden off gradually for a week or so ready to plant out in rows a foot apart, and the same distance from plant to plant. To grow well and enable them to stand dry weather Zinnias require a good soil which has been deeply dug with plenty of rotten manure worked in.

The Pumila varieties, which are dwarf and compact, are admirably adapted for pot plants. The single Zinnias are also very handsome, while it would be impossible to speak too highly of the double and single varieties of Haageana for beds, rockwork, and masses in the borders. The seeds are carefully selected from the finest and most perfect flowers only.

H.H.A. ZINNIA HAAGEANA FL. PL.—Habit similar to the single form known under the name of *Z. Haageana*, but its brilliant orange flowers are full, double, and regularly built. Ought to be more grown. *To be sown and grown the same as recommended for the Aster.* 1s. per pkt.

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H.H.A. ZEA JAPONICA VARIEGATA (Striped Japanese Maize)—A free growing and very ornamental variety, attaining the height of 4 ft.; leaves broad, alternately striped with green and white, and one of the best ornamental foliage plants that we possess; invaluable for the centre of beds or borders. Sow in March. 4d. per pkt.

BOUQUET WIRE (Silver White).

This Wire is of the finest quality, does not rust, consequently smooth and easy to work, no matter how long kept.

Stalk Wire in $\frac{1}{4}$ -lb. packets (about 500 wires), two different thicknesses of wire in each. Price 6d.

Fine $\frac{1}{4}$ -lb reels for binding, also best annealed (black), &c., price 9d. Extra fine (white only), 1s. per reel. Sent by post, $\frac{1}{4}$ lb. 2 $\frac{1}{2}$ d. extra; under 1 lb. 3d. extra; 3 lbs. 6d. extra.

TOBACCO PAPER and CLOTH for FUMIGATION.

Of our own manufacture, free from injurious properties to plants. For full particulars how to use it, and to exterminate the Green Fly, see "CANNELLS' ART OF GARDENING," sent post free for 4 stamps. 1s. 4d. per lb.; 5 lbs., 5s. 8d.; 10 lbs., 10s. 6d.; 25 lbs., 27s. Postage extra.

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February 18th, 1890.

I was delighted with the "Come-to-Stay" Potatoes last year. They were the best for cropping and cooking I ever saw.

Mr. F. PAULLEY, Court Villa, Buckland Newton, October 23rd, 1890.

Your "No Plus Ultra" Scarlet Runner Beans produced a splendid crop, and at the different places I exhibited took first prize. They were pronounced by the judges to be the best they had ever seen.

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CANNELLS' LIST OF PENNY PACKETS OF FLOWER SEEDS.

We are growers of Flower Seeds in large quantities, and of the very best quality in Europe, and now offer the following in Penny Packets for cottagers; our facilities enable us to be more generous and better seeds than any other house in England.

12 packets post free; if less than 12 packets are ordered, extra stamps must be sent to cover the postage.

ADONIS, FLOS	MARIGOLD, AFRICAN, MIXED
ASTER, CHINESE, MIXED	MIGNONETTE
BALSAM, DOUBLE	MYOSOTIS (FORGET-ME-NOT), BLUE
CALLIOPSIS DRUMMONDI	NASTURTIIUM, TALL, MIXED
CANDYTUFT, WHITE ROCKET	" DWARF, MIXED
" CRIMSON	NEMOPHILA INSIGNIS
" MIXED	" MIXED
CANTERBURY BELLS, MIXED	ORNAMENTAL GRASSES, MIXED
CLARKIA, MIXED	PANSY, MIXED
COLLINSIA BICOLOR	PAPAVR SOMNIFERUM, DOUBLE
CONVOLVULUS MAJOR, MIXED	" ORIENTALE
" MINOR, MIXED	" UMBROSUM
CORNFLOWER, MIXED	POPPIES, MIXED (all varieties)
DELPHINIUM ELATUM, MIXED	SAPONARIA CALABRICA
DIGITALIS (FOXGLOVE), MIXED	SILENE PENDULA, MIXED
ERYSIMUM PEROWSKIANUM	" PENDULA RUBERRIMA
" ARKANSANUM	STOCK, TEN-WEEK, MIXED
ESCHSCHOLTZIA CALIFORNICA	SUNFLOWER
" CALIFORNICA ALBA	SWEET PEAS, MIXED
GILIA TRICOLOR	SWEET WILLIAM, MIXED
GODETIA WHITNEYI	VIRGINIAN STOCK, MIXED
" MIXED	VISCARIA, MIXED
HELICHRYSUM, MIXED	WALLFLOWER, SINGLE, MIXED
LINUM GRANDIFLORUM RUBRUM	" BLOOD RED
LOVE LIES BLEEDING	

LAWN GRASS SEEDS.

THERE is nothing more essential to a rural or suburban residence than a beautiful lawn with its close velvety turf. In sowing down a lawn be sure the soil is perfectly clean, and if poor a good dressing of loam should be well spread over about three or four inches deep. After being well rolled and raked very fine the seed may be sown broad cast and as evenly as possible, then again raked and rolled down. In a few weeks the grass will appear and be ready for cutting, which operation should be often performed, using the scythe until the lawn be well established, when it may be cut with machine and rolled as frequently as required. Sow per nere from three to four bushels.

The following Mixtures contain only those close growing Dwarf Evergreen Grasses that will produce a thick turf in a very short time.

	PER BUSH.	PER PECK.	PER LB.
Ordinary Mixture	20/0	5/6	1/0
Best "	24/0	6/6	1/3
Renovating "	20/0	5/6	1/0
White Dutch Clover for Lawns ...	—	—	1/6

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THE VALE OF EYNSFORD.

—† The finest locality in England. †—



The following has appeared in nearly all the London Papers :



HAVE often thought it is a pity that Eynsford is not two hundred miles from London, instead of eighteen. If it were in Devonshire instead of the most accessible portion of Kent, its grey ruined castles, its interesting old churches, its quaint picturesque villages, would be known and appreciated as they deserve. The river itself, with its swift and limpid current, is not unworthy of comparison with a Devon Stream. Now it twists and lingers under rich overhanging foliage of elm and ash, hazel and alder ; then it intersects the brightest of green pastures, where the red and white kine lie dreaming in the sunlight. Near the village it widens and frets over the shallows till pebbles gleam and sparkle like shells in the transparent clearness. After leaving Shoreham a path leads through willow-fringed meadows and hop gardens. The river Darenth glides out of sight among the shady recesses of Sir W. Hart Dyke's park. The walk hence to the little early English Church of Lullingstone is the most exquisite piece of the whole river, which here and there broadens into the loveliest of lakelets, banked by luxuriant foliage, whose glowing tints are repeated in the placid surface below. The park is open to the public ; and a day may well be spent rambling, knee-deep in fading bracken, amid its delicious glades of beech, oak, and yew. In any case the hill should be climbed, for the sake of the glorious view of the valley.

Still keeping the river path, one comes upon the village of Eynsford, set deep in apple and cherry orchards, with features of its own. A winding street of half-timbered houses leads over a rambling old bridge to the ivy-girt rustic church. This was originally Norman, and there is still a fine Norman arch to be seen beneath the old wooden porch.

From Eynsford to Farningham is but a mile, the last part across fields. Or half-way up the western hill a true Kentish lane leads between hedgerows gay with berries, to the same spot. Farningham is a capital place for head-quarters, with clean and comfortable inns, a rich choice of rambles, and, if desired, some miles of trout fishing. Eynsford is almost within sight of Swanley—distance by rail, two miles.

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→* GUIDE *←

Showing the number of plants required to plant one acre at various distances apart.

Distance.	No.	Distance.	No.	Distance.	No.	Distance.	No.
Feet.		Feet.		Feet.		Feet.	
1	43,560	4	2,722	10	435	25	69
1½	19,360	5	1,742	12	302	28	55
2	10,890	6	1,210	15	193	30	48
2½	6,969	7	889	18	134		
3	4,840	8	680	20	108		
3½	3,556	9	537	24	75		

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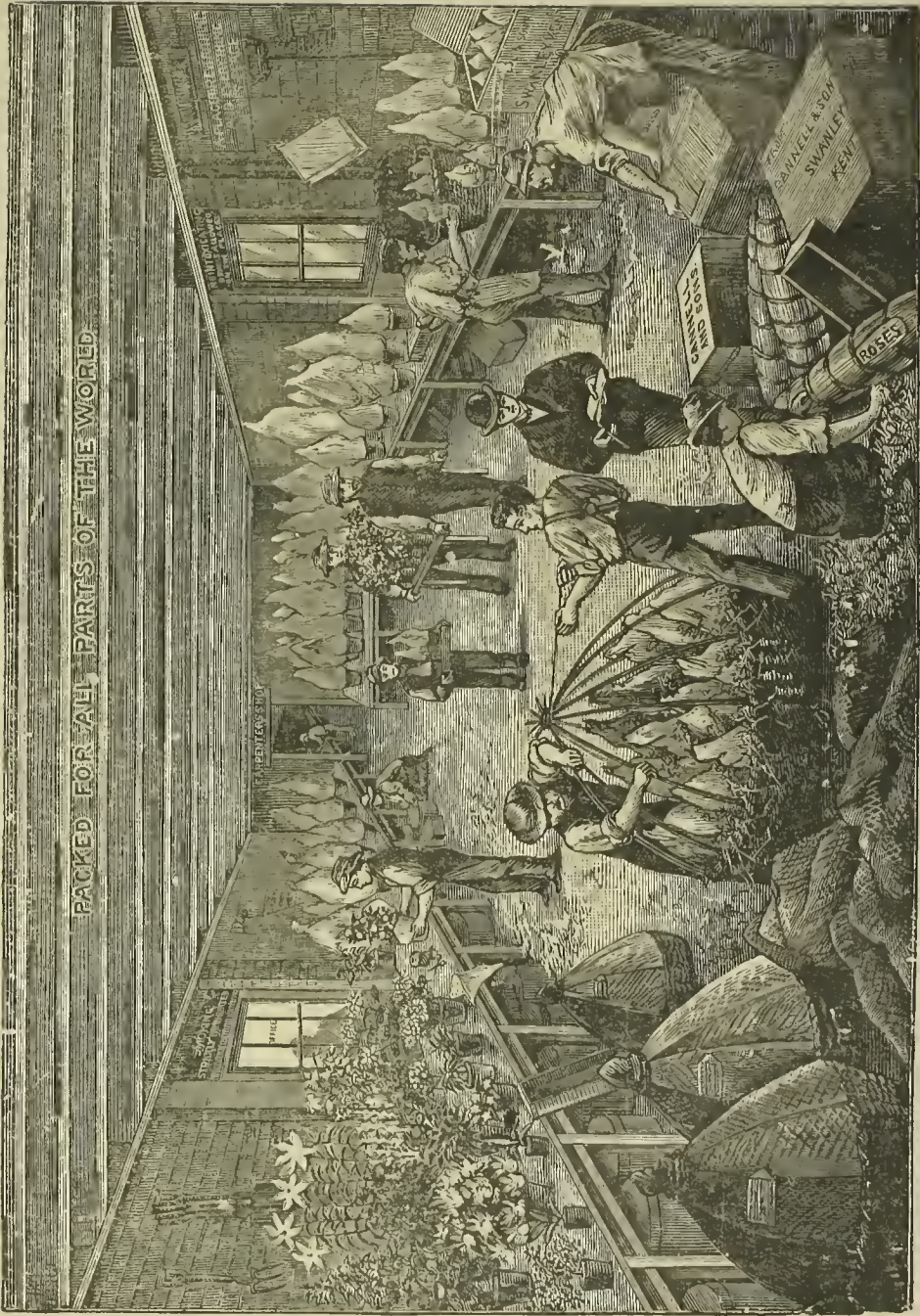
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